

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007323.D
 Acq On : 30 Jan 2019 18:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 10:44:31 AM

Quant Time: Jan 31 04:24:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	509438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	756571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	690173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360239	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	239025	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	5.50	113	220279	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
50) Toluene-d8	8.71	98	784726	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
62) 4-Bromofluorobenzene	11.13	95	281857	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	155644	37.204	ug/l	99
3) Chloromethane	1.33	50	186891	38.375	ug/l	100
4) Vinyl Chloride	1.41	62	208740	39.845	ug/l	100
5) Bromomethane	1.64	94	221521	39.577	ug/l	96
6) Chloroethane	1.71	64	141199	38.600	ug/l	98
7) Trichlorofluoromethane	1.93	101	353508	41.763	ug/l	97
8) Diethyl Ether	2.19	74	142423	42.292	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	216571	42.735	ug/l	100
10) Methyl Iodide	2.51	142	318520	46.595	ug/l	100
11) Tert butyl alcohol	3.08	59	269645	214.701	ug/l	100
12) 1,1-Dichloroethene	2.37	96	190531	40.693	ug/l	98
13) Acrolein	2.30	56	206730	380.040	ug/l	100
14) Allyl chloride	2.73	41	348861	43.476	ug/l	99
15) Acrylonitrile	3.15	53	666870	231.302	ug/l	99
16) Acetone	2.45	43	564314	214.401	ug/l	99
17) Carbon Disulfide	2.57	76	374465	31.064	ug/l	98
18) Methyl Acetate	2.78	43	408436	53.585	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	744977	45.842	ug/l	98
20) Methylene Chloride	2.85	84	229568	45.810	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	207301	39.730	ug/l	98
22) Diisopropyl ether	3.87	45	695069	46.075	ug/l	95
23) Vinyl Acetate	3.82	43	2830361	222.478	ug/l	98
24) 1,1-Dichloroethane	3.70	63	370696	43.946	ug/l	99
25) 2-Butanone	4.70	43	838680	222.693	ug/l	99
26) 2,2-Dichloropropane	4.59	77	266554	41.094	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	246468	42.825	ug/l	98
28) Bromochloromethane	5.02	49	159778	43.233	ug/l	95
29) Tetrahydrofuran	5.15	42	549418	224.483	ug/l	97
30) Chloroform	5.21	83	406101	45.982	ug/l	95
31) Cyclohexane	5.57	56	298195	39.718	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	335866	44.867	ug/l	98
36) 1,1-Dichloropropene	5.80	75	275027	41.812	ug/l	98
37) Ethyl Acetate	4.85	43	315154	44.690	ug/l	99
38) Carbon Tetrachloride	5.78	117	292143	44.144	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	326905	38.984	ug/l	98
40) Benzene	6.14	78	862755	42.986	ug/l	99
41) Methacrylonitrile	5.06	41	175916	43.303	ug/l	98
42) 1,2-Dichloroethane	6.20	62	307009	44.265	ug/l	100
43) Isopropyl Acetate	6.46	43	516512	46.434	ug/l	98
44) Trichloroethene	7.21	130	254444	42.306	ug/l	99
45) 1,2-Dichloropropane	7.51	63	229347	45.452	ug/l	99
46) Dibromomethane	7.66	93	161729	45.606	ug/l	97
47) Bromodichloromethane	7.90	83	292999	48.540	ug/l	100
48) Methyl methacrylate	7.77	41	264969	46.385	ug/l	97
49) 1,4-Dioxane	7.75	88	114179	874.174	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1695652	237.199	ug/l	99
52) Toluene	8.79	92	563502	43.682	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	320960	47.952	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	349156	47.236	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	249326	48.287	ug/l	98
56) Ethyl methacrylate	9.18	69	359582	47.703	ug/l	96
57) 1,3-Dichloropropane	9.37	76	394940	46.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	897288	231.516	ug/l	99
59) 2-Hexanone	9.49	43	1270036	233.134	ug/l	98
60) Dibromochloromethane	9.59	129	259771	51.810	ug/l	98
61) 1,2-Dibromoethane	9.67	107	263626	46.377	ug/l	99
64) Tetrachloroethene	9.34	164	248446	41.579	ug/l	98
65) Chlorobenzene	10.14	112	666020	44.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247968	48.968	ug/l	99
67) Ethyl Benzene	10.25	91	1086320	43.714	ug/l	99
68) m/p-Xylenes	10.36	106	854706	87.297	ug/l	99
69) o-Xylene	10.70	106	418507	43.830	ug/l	97
70) Styrene	10.71	104	685922	45.357	ug/l	99
71) Bromoform	10.86	173	191148	42.930	ug/l	99
73) Isopropylbenzene	11.02	105	1123787	44.240	ug/l	99
74) N-amyl acetate	10.90	43	463297	45.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	369318	45.797	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	339387m	46.491	ug/l	
77) Bromobenzene	11.26	156	301879	43.131	ug/l	98
78) n-propylbenzene	11.36	91	1236276	44.333	ug/l	98
79) 2-Chlorotoluene	11.42	91	727414	43.334	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	924137	43.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100044	42.012	ug/l	98
82) 4-Chlorotoluene	11.51	91	853280	43.903	ug/l	99
83) tert-Butylbenzene	11.77	119	950747	44.895	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	939680	44.026	ug/l	100
85) sec-Butylbenzene	11.94	105	1130405	44.696	ug/l	99
86) p-Isopropyltoluene	12.06	119	1012175	44.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	544355	43.029	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	543885	45.388	ug/l	100
89) n-Butylbenzene	12.39	91	862810	44.741	ug/l	99
90) Hexachloroethane	12.60	117	162957	45.406	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	547044	43.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77457	48.565	ug/l	99

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ClientSampleId :
VSTDCCC050EC

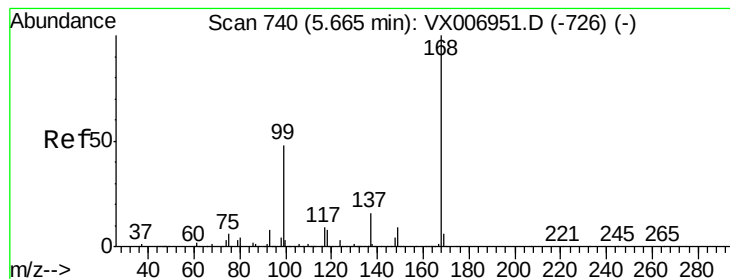
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	380788	44.457	ug/l	99
94) Hexachlorobutadiene	13.78	225	180670	47.532	ug/l	99
95) Naphthalene	13.83	128	1180741	45.492	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	384190	45.153	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 509438

Ion Ratio Lower Upper

168 100

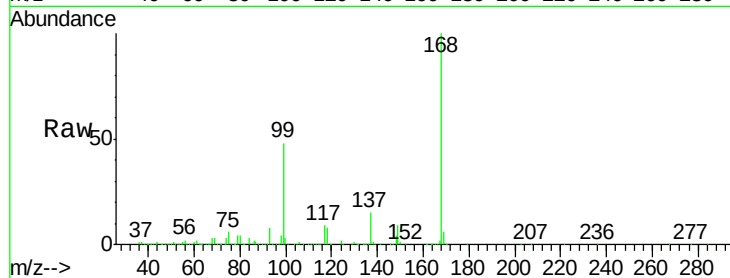
99 47.8 41.8 62.8

Manual Integrations

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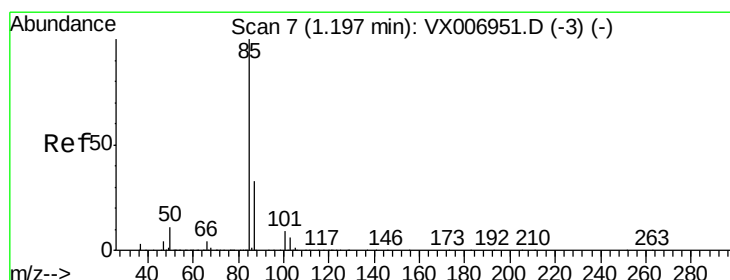
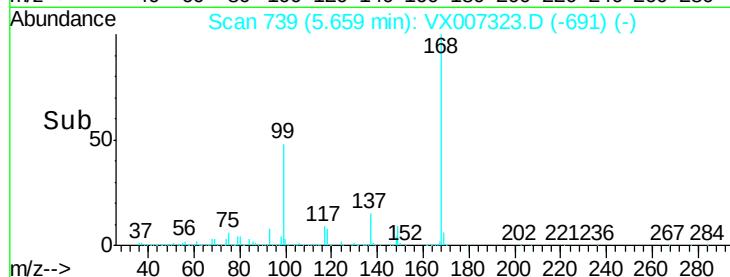
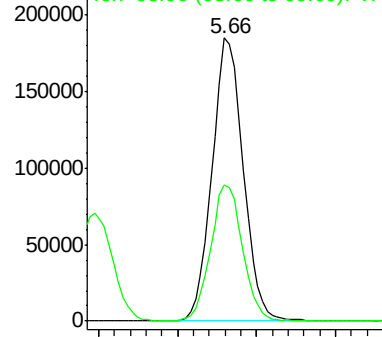
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 37.204 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007323.D

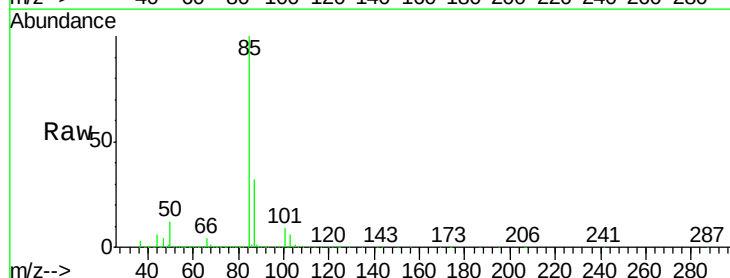
Acq: 30 Jan 2019 18:57

Tgt Ion: 85 Resp: 155644

Ion Ratio Lower Upper

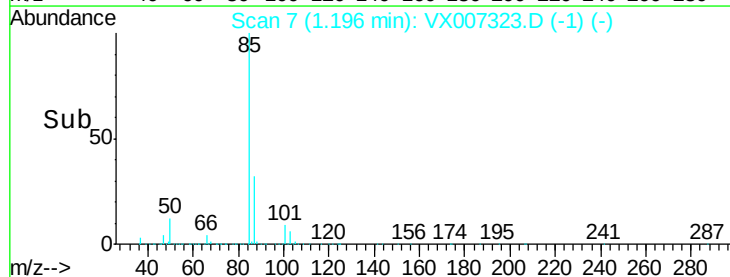
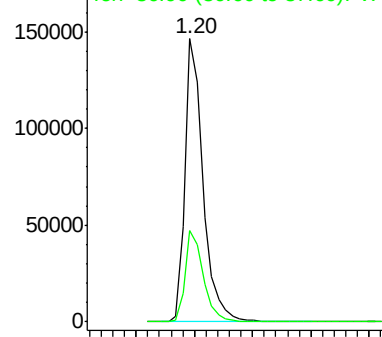
85 100

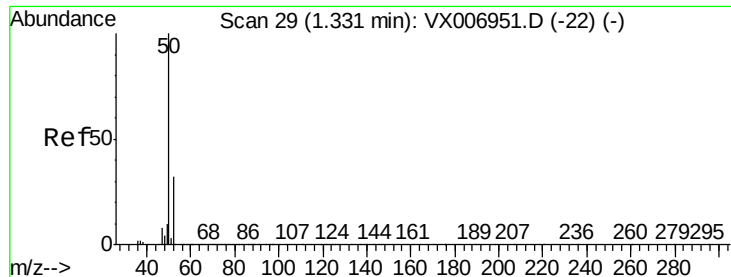
87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.375 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 186891

Ion Ratio Lower Upper

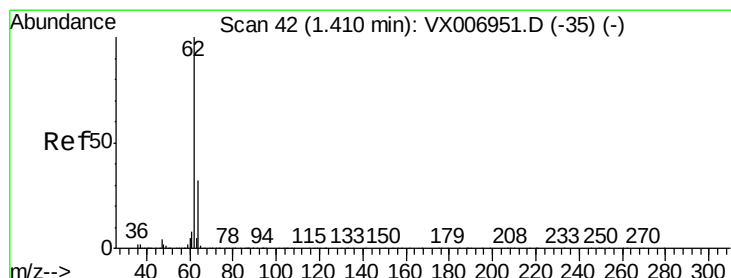
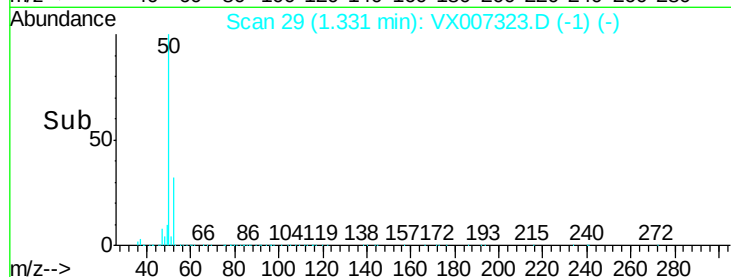
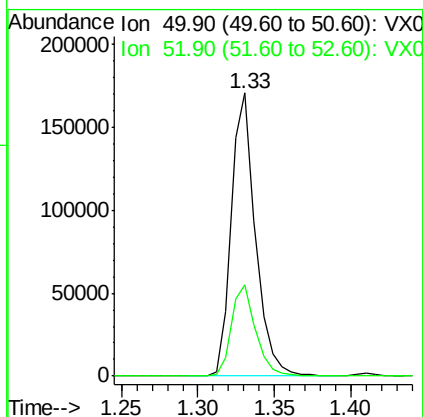
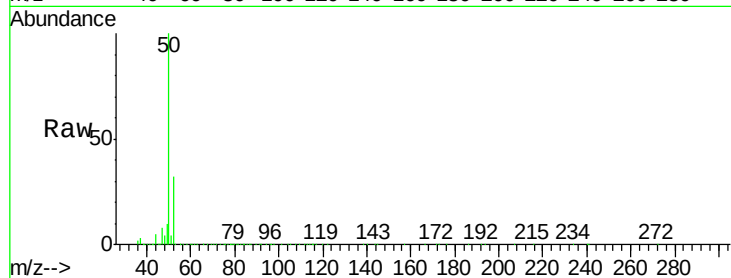
50 100

52 32.1 25.4 38.2

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#4

Vinyl Chloride

Concen: 39.845 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007323.D

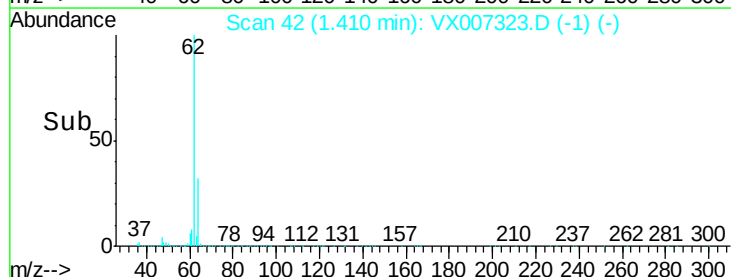
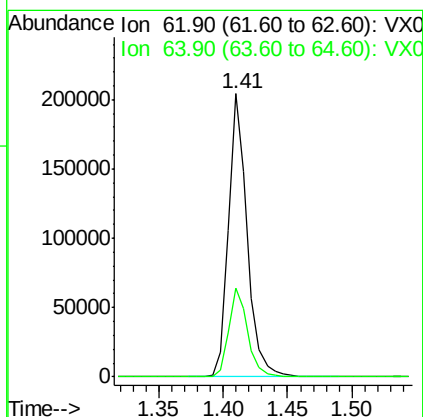
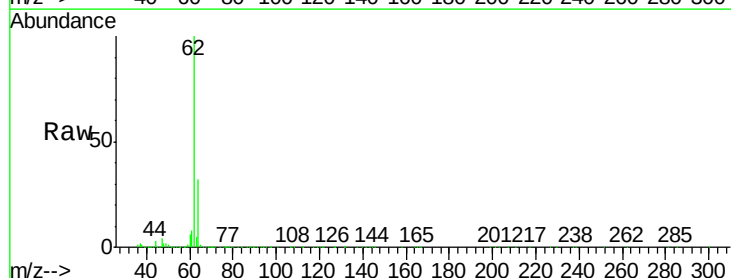
Acq: 30 Jan 2019 18:57

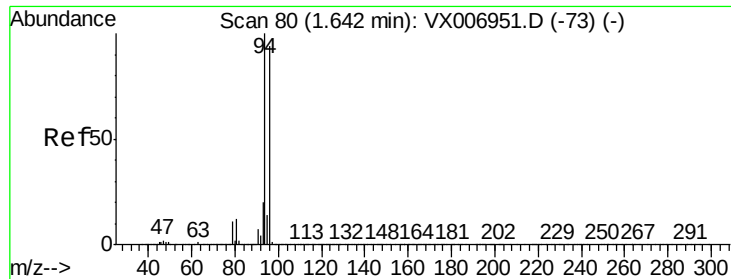
Tgt Ion: 62 Resp: 208740

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 39.577 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 221521

Ion Ratio Lower Upper

94 100

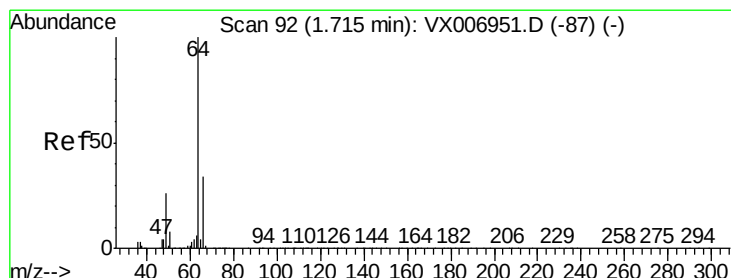
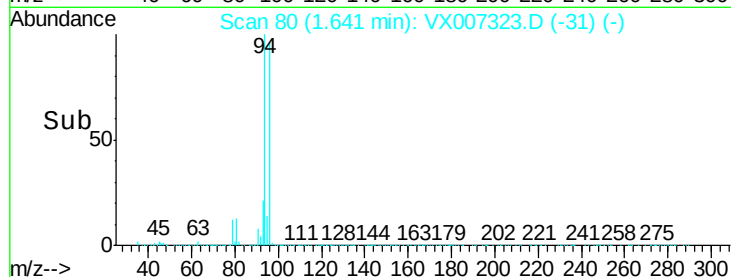
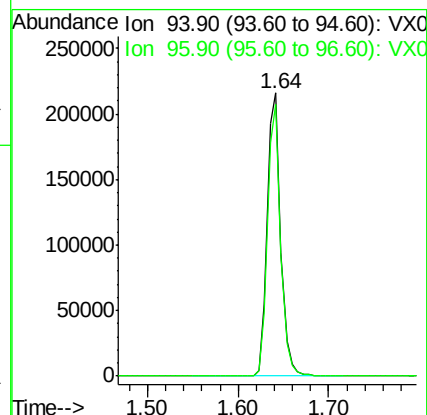
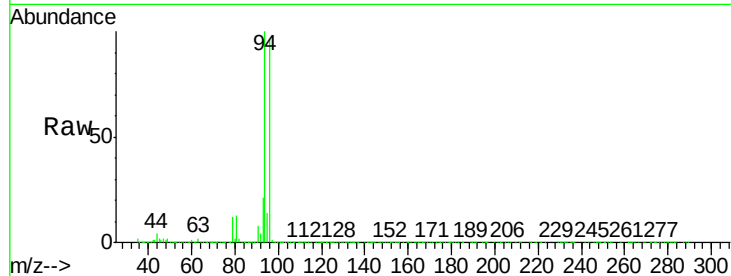
96 96.1 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 38.600 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007323.D

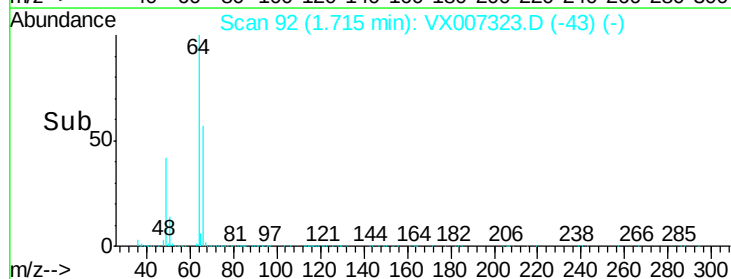
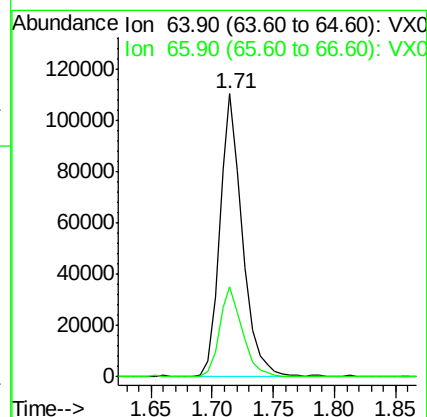
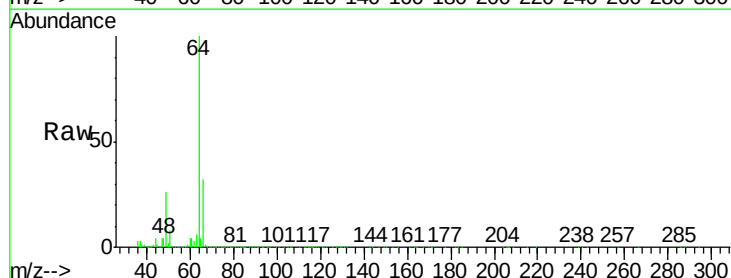
Acq: 30 Jan 2019 18:57

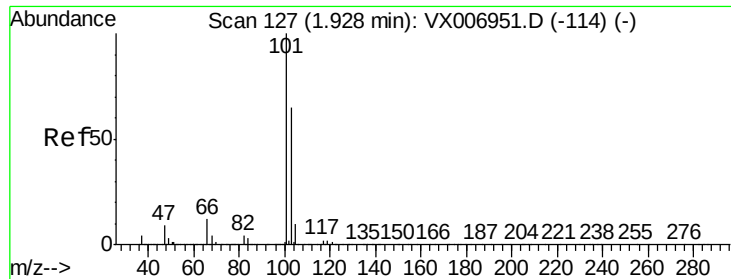
Tgt Ion: 64 Resp: 141199

Ion Ratio Lower Upper

64 100

66 31.8 26.4 39.6





#7

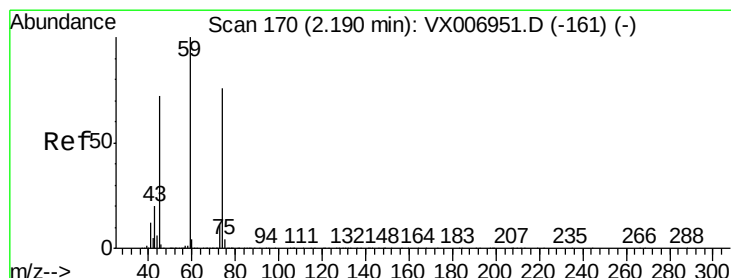
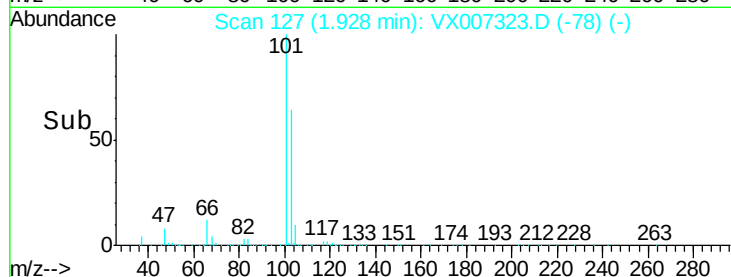
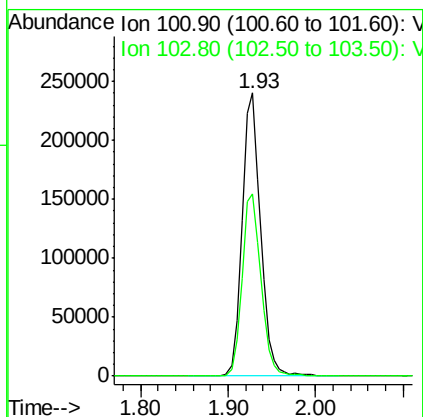
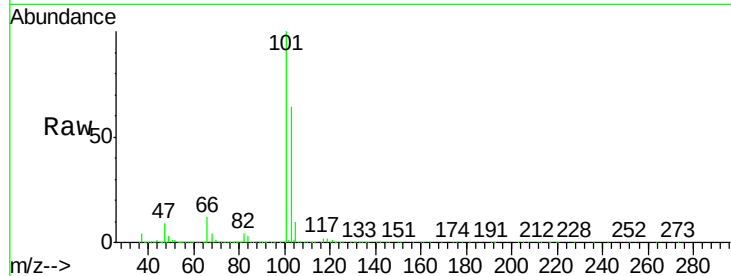
Trichlorofluoromethane
Concen: 41.763 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.2	79.8

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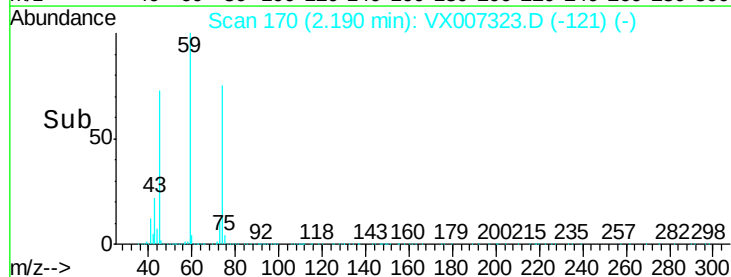
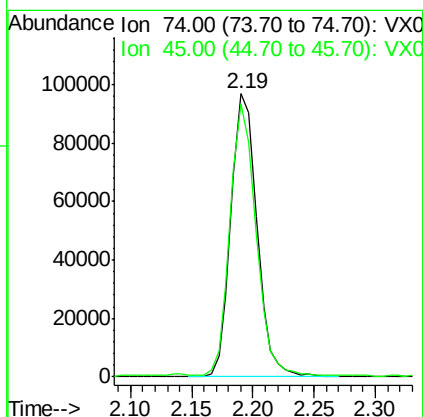
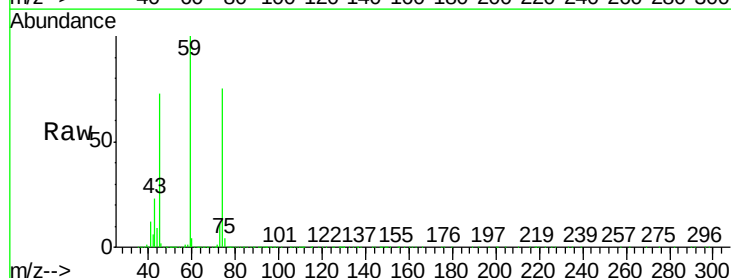
MMDadoda
2/1/2019 10:44:31 AM

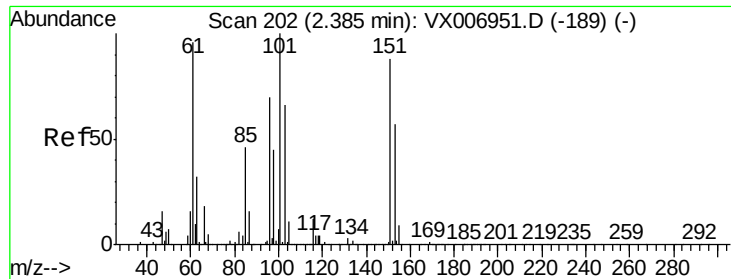


#8

Diethyl Ether
Concen: 42.292 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.735 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

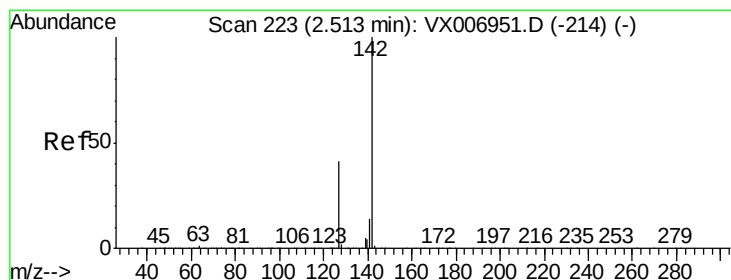
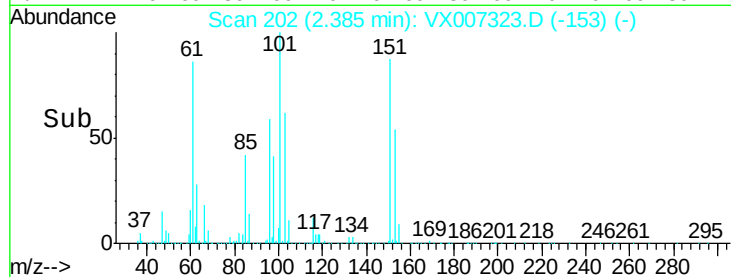
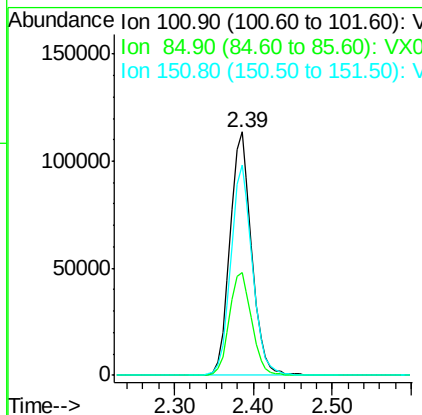
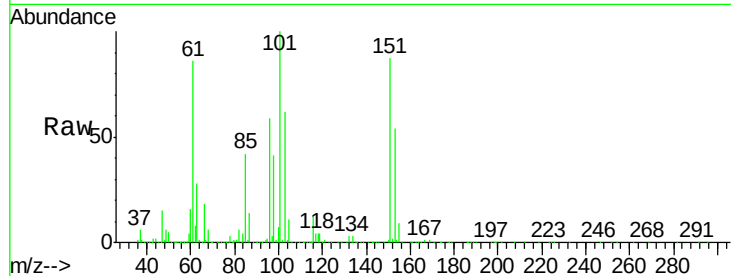
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	216571
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.1	52.7
151	86.0	68.9	103.3

Manual Integrations
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2/1/2019 10:44:31 AM



#10

Methyl Iodide

Concen: 46.595 ug/l

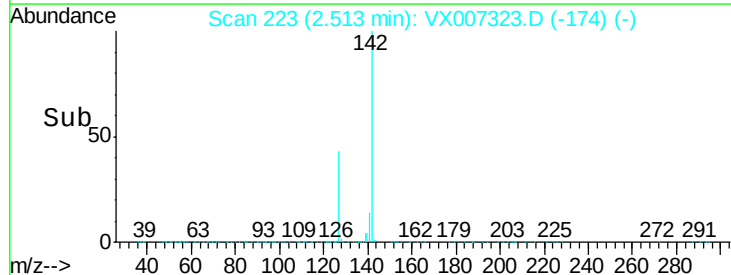
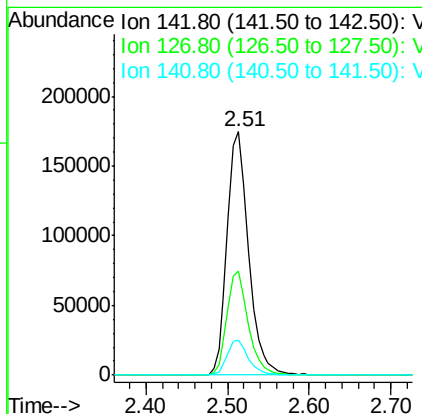
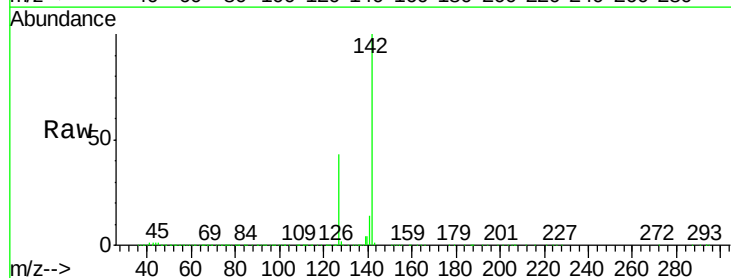
RT: 2.51 min Scan# 223

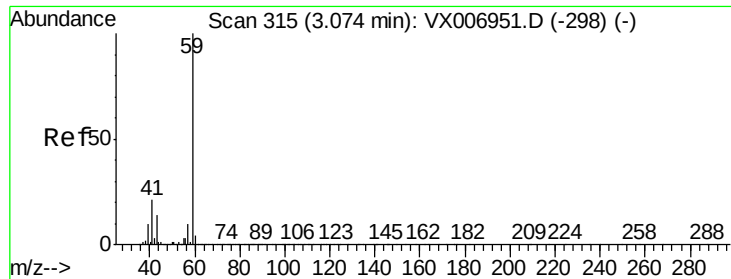
Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	142	Resp:	318520
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.9	50.9
141	14.2	11.4	17.0





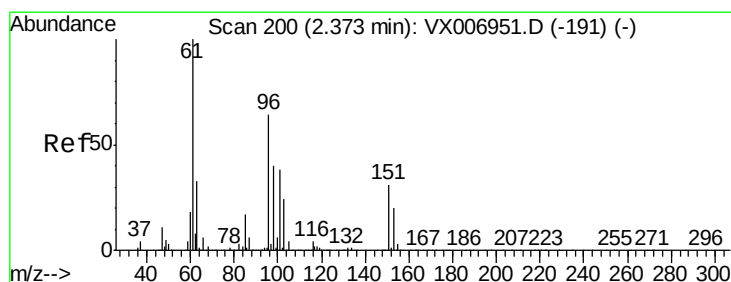
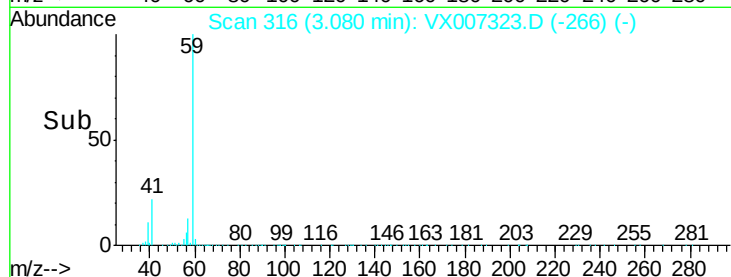
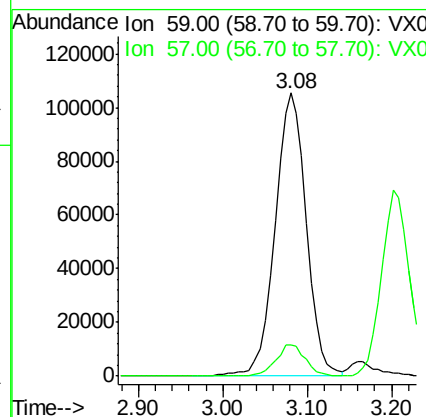
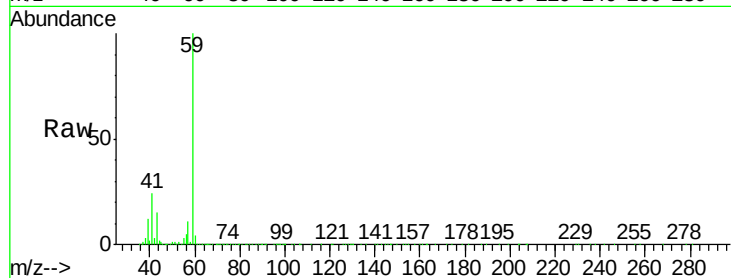
#11
Tert butyl alcohol
Concen: 214.701 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 269645
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

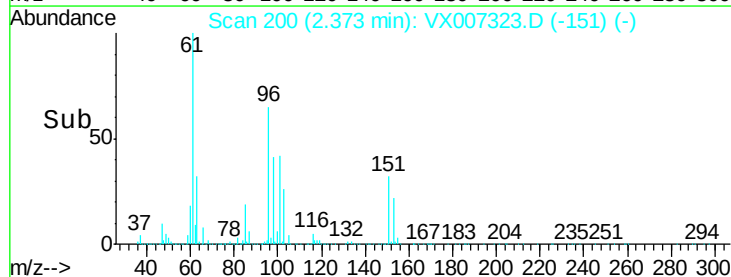
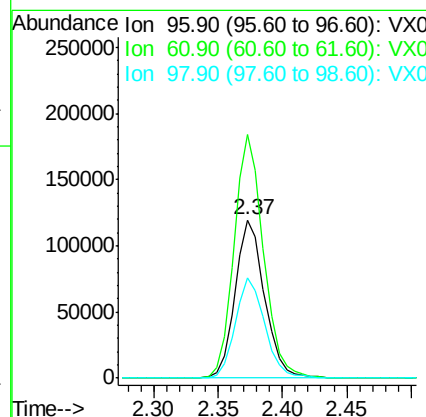
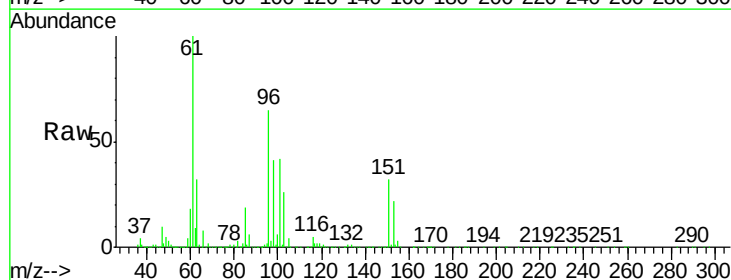
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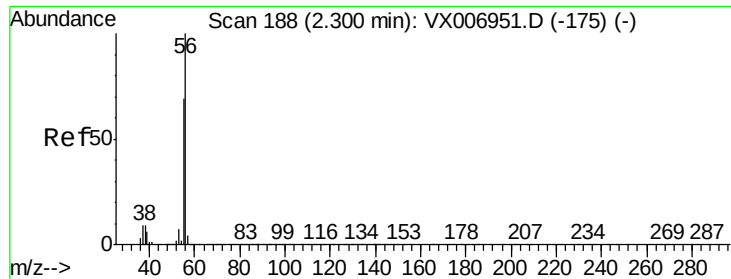
MMDadoda
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#12
1,1-Dichloroethene
Concen: 40.693 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion: 96 Resp: 190531
Ion Ratio Lower Upper
96 100
61 154.1 121.4 182.2
98 63.6 51.9 77.9





#13

Acrolein

Concen: 380.040 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 206730

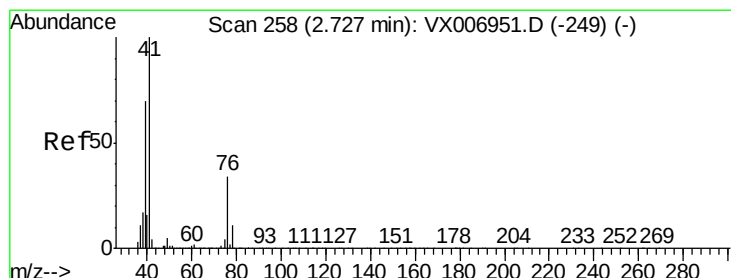
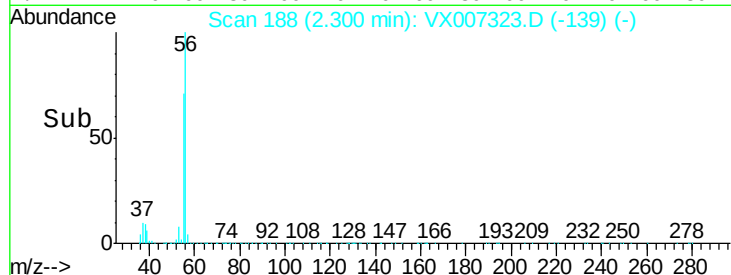
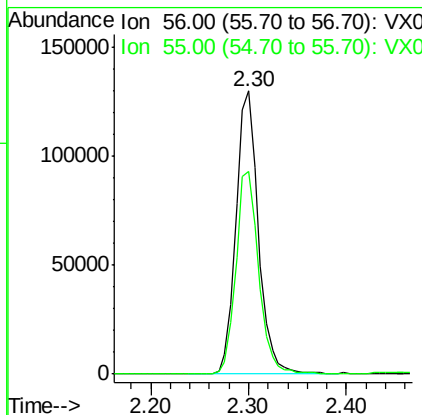
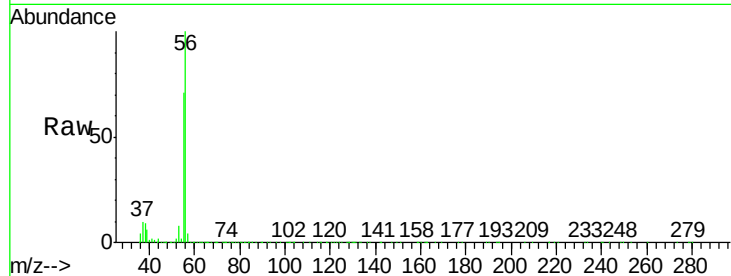
Ion Ratio Lower Upper

56 100

55 72.5 58.2 87.4

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#14

Allyl chloride

Concen: 43.476 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

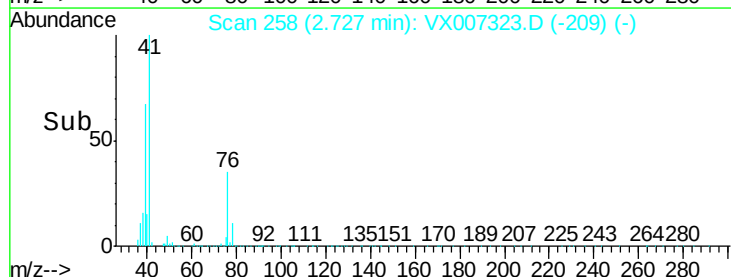
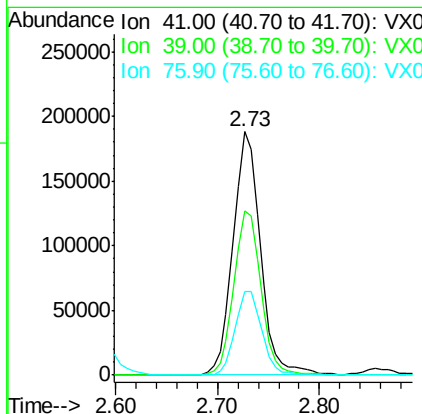
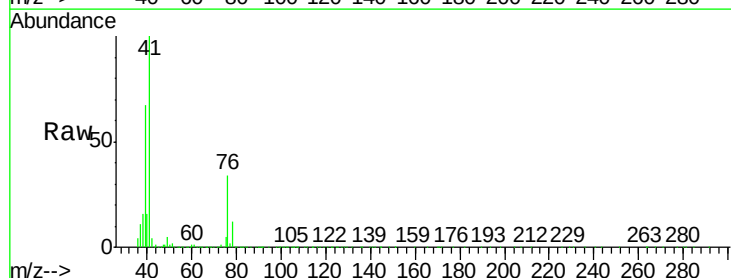
Tgt Ion: 41 Resp: 348861

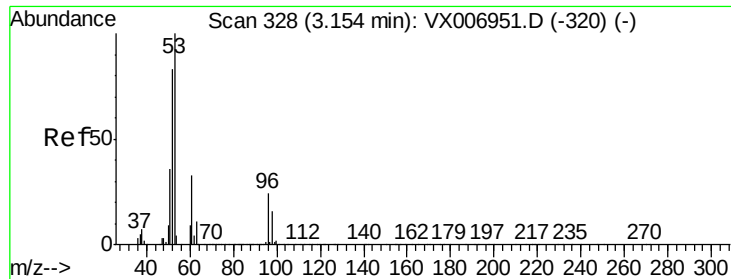
Ion Ratio Lower Upper

41 100

39 66.4 53.6 80.4

76 33.2 27.4 41.2





#15

Acrylonitrile

Concen: 231.302 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

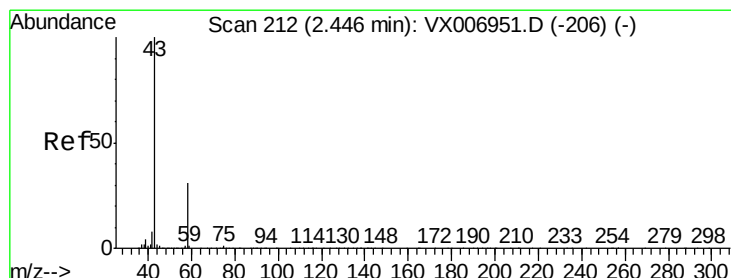
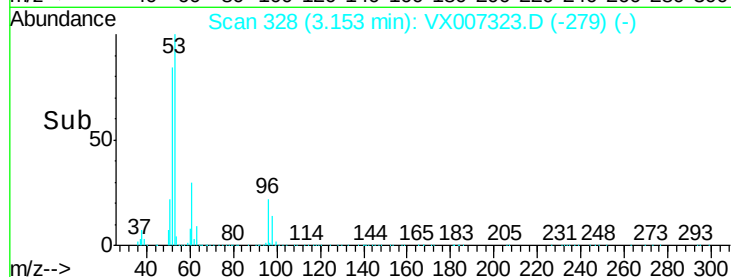
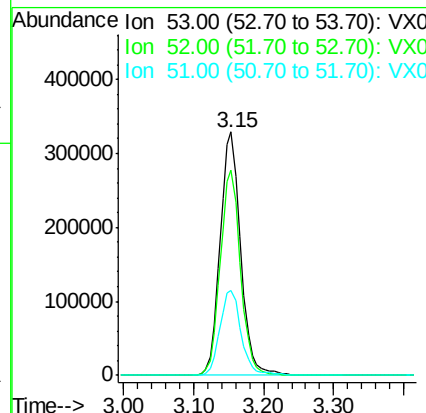
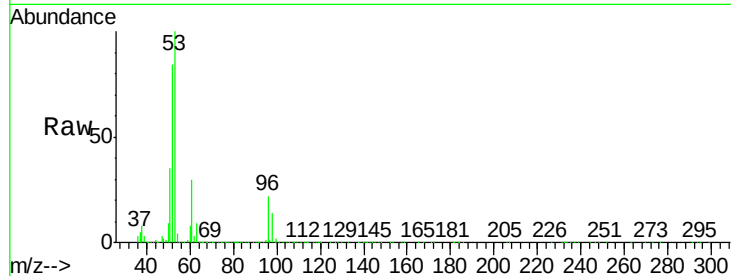
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	666870
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.0	99.0
51	36.1	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 214.401 ug/l

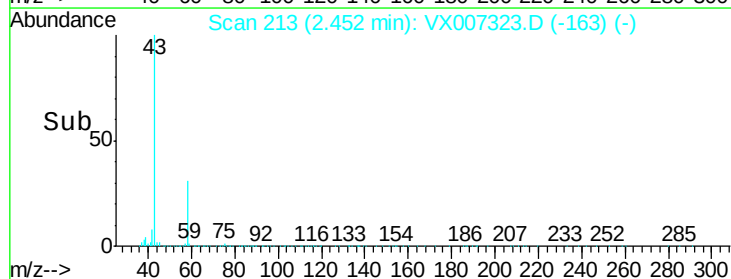
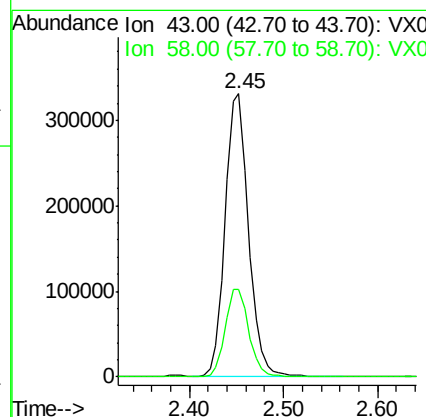
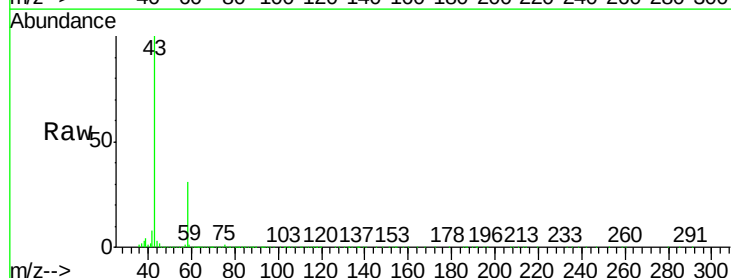
RT: 2.45 min Scan# 213

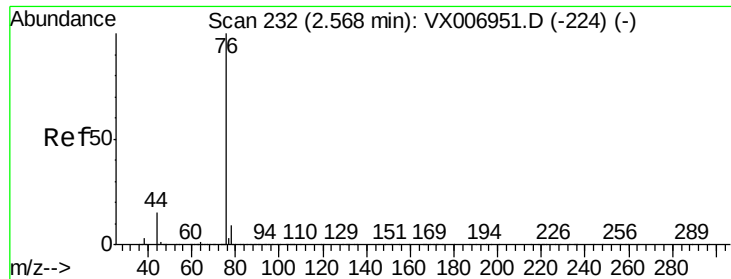
Delta R.T. 0.01 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	43	Resp:	564314
Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.0	37.6





#17

Carbon Disulfide

Concen: 31.064 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 374465

Ion Ratio Lower Upper

76 100

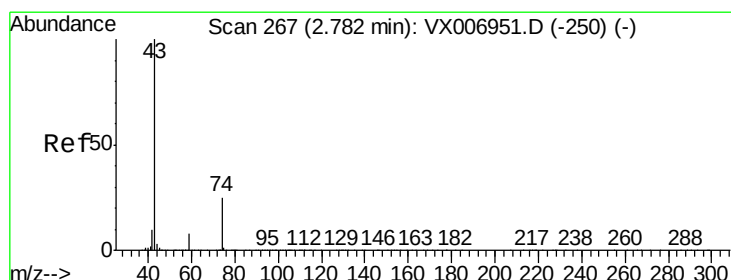
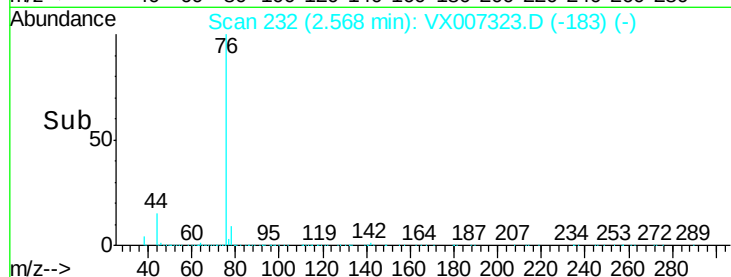
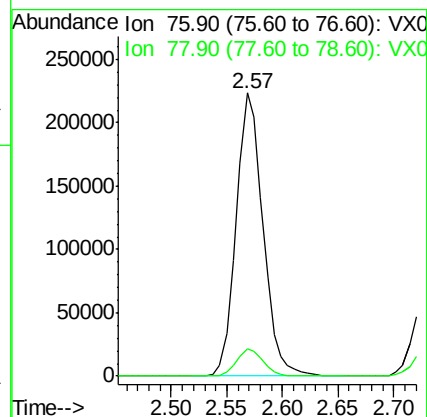
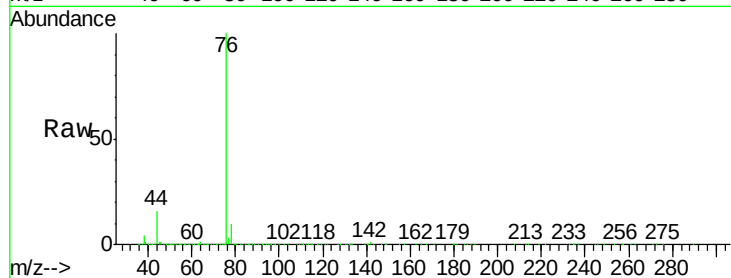
78 9.5 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 53.585 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007323.D

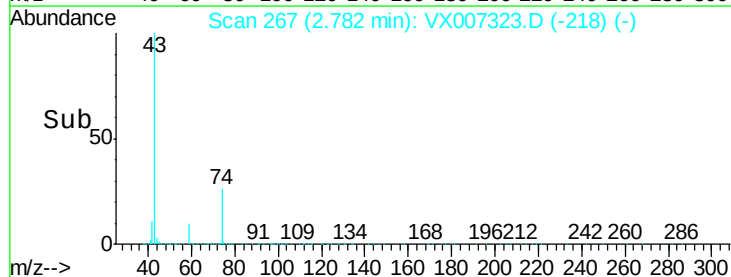
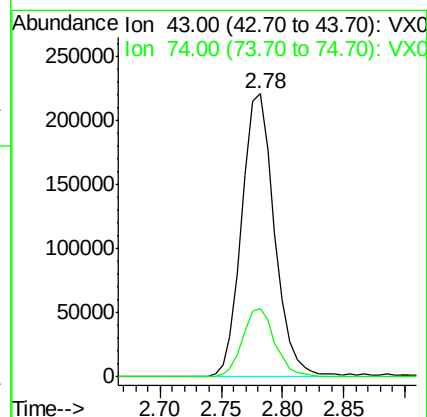
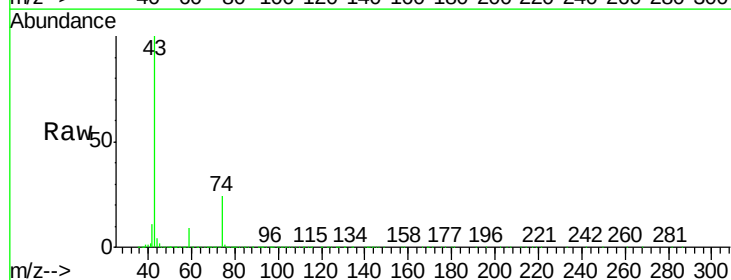
Acq: 30 Jan 2019 18:57

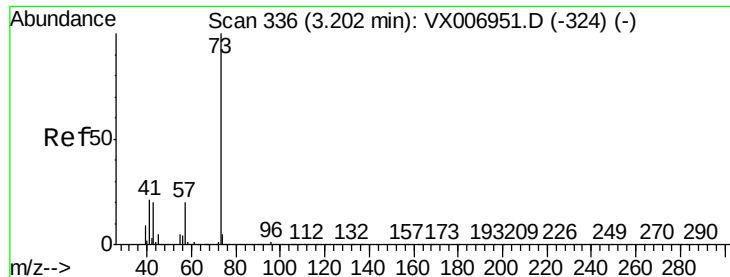
Tgt Ion: 43 Resp: 408436

Ion Ratio Lower Upper

43 100

74 23.6 18.6 28.0





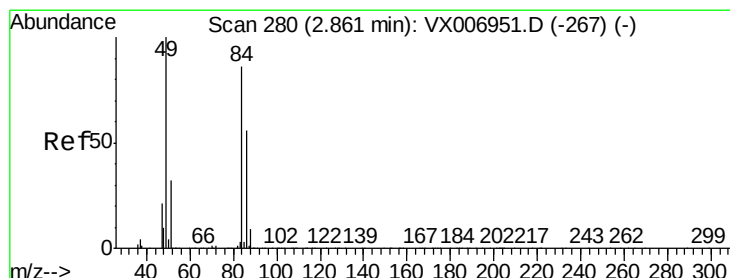
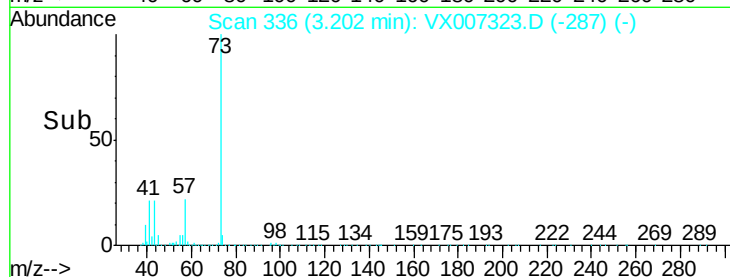
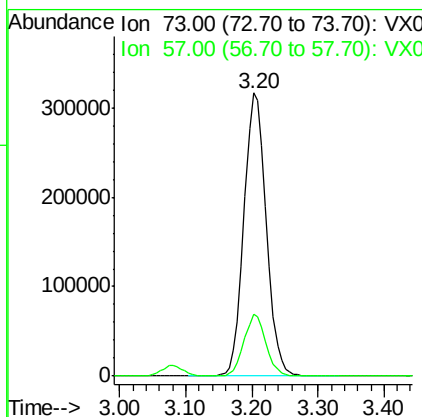
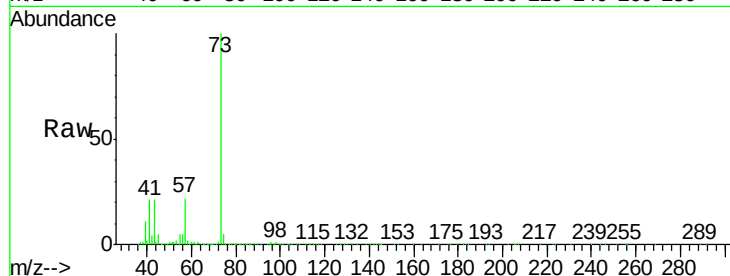
#19
Methyl tert-butyl Ether
Concen: 45.842 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.8	25.2

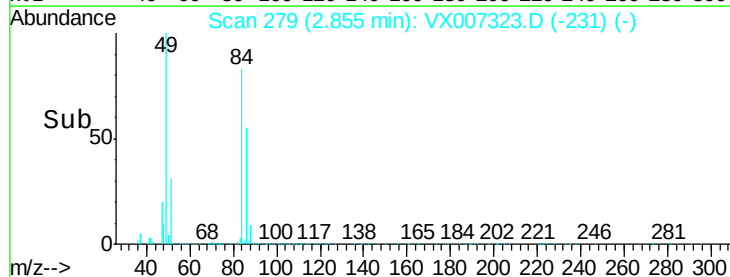
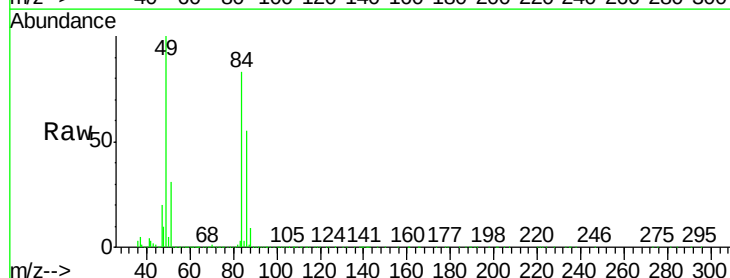
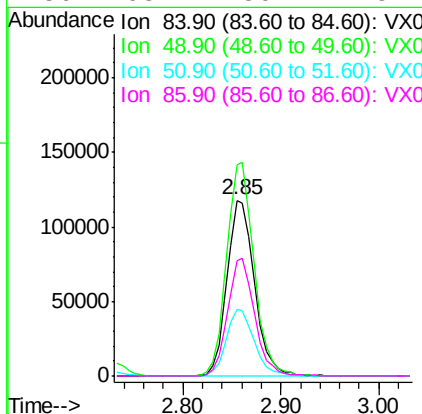
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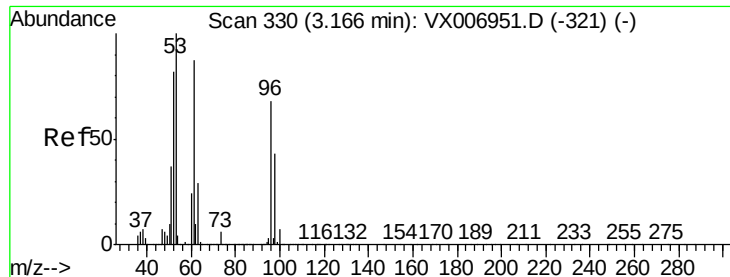
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#20
Methylene Chloride
Concen: 45.810 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	91.8	137.6
51	37.5	28.5	42.7
86	65.7	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 39.730 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

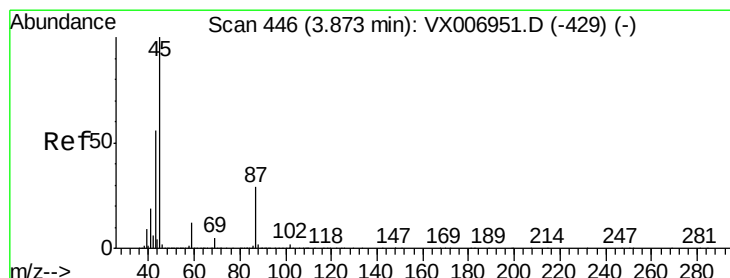
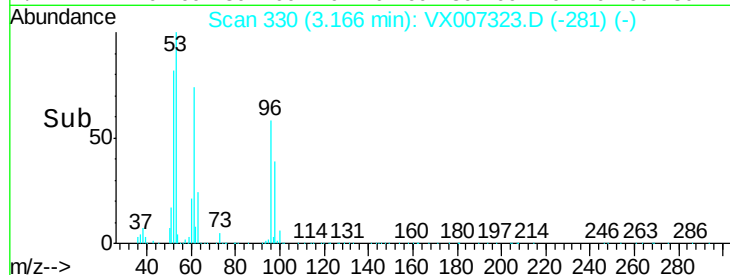
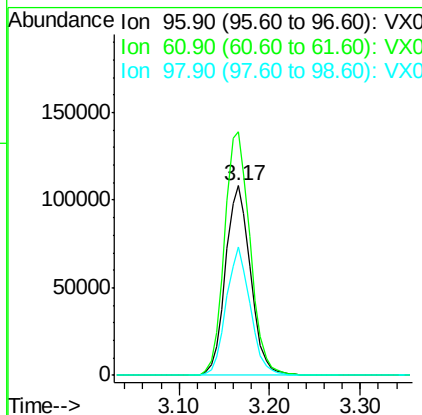
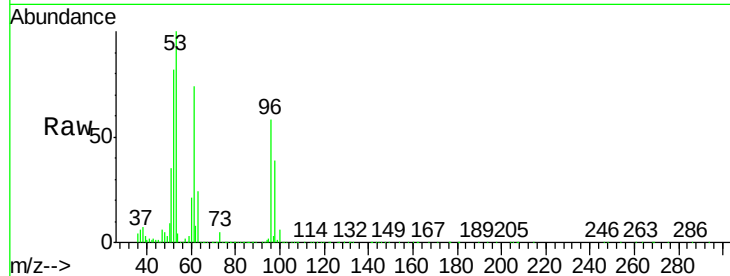
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	207301
Ion	Ratio	Lower	Upper
96	100		
61	128.5	103.7	155.5
98	67.6	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.075 ug/l

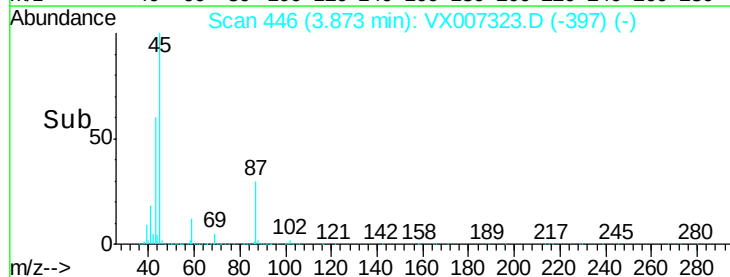
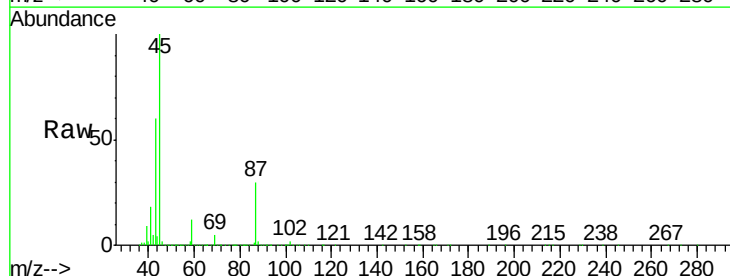
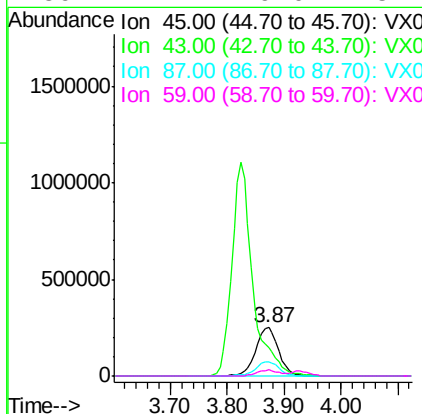
RT: 3.87 min Scan# 446

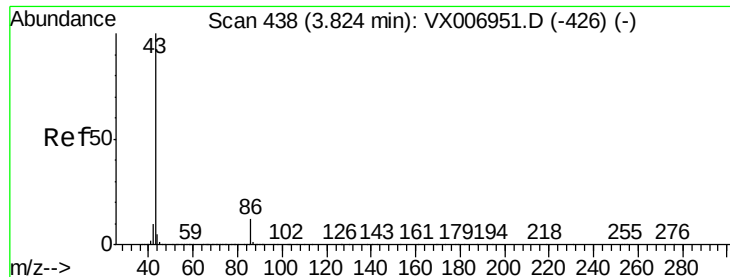
Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	45	Resp:	695069
Ion	Ratio	Lower	Upper
45	100		
43	59.7	51.2	76.8
87	29.9	25.8	38.6
59	12.1	9.0	13.4





#23

Vinyl Acetate

Concen: 222.478 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2830361

Ion Ratio Lower Upper

43 100

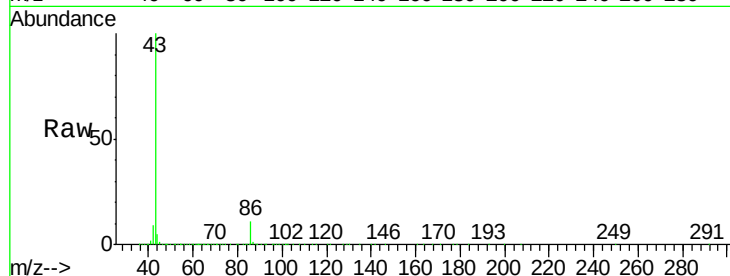
86 10.9 9.2 13.8

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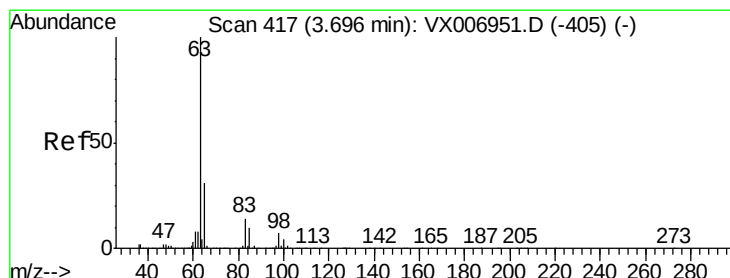
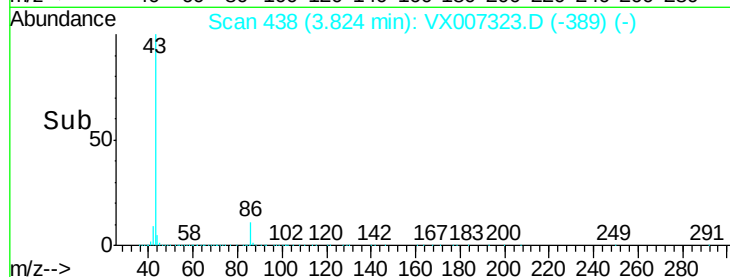
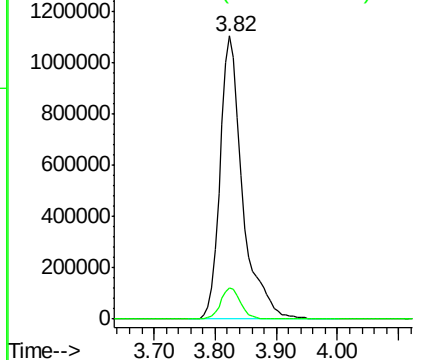
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 43.946 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

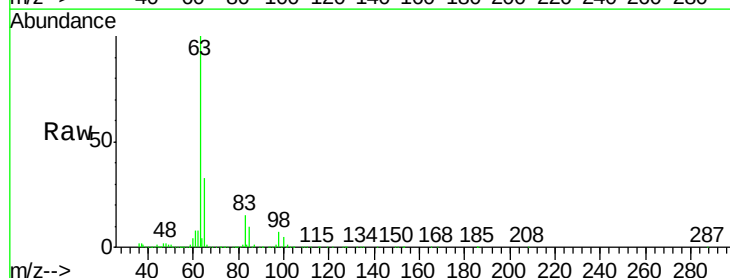
Tgt Ion: 63 Resp: 370696

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

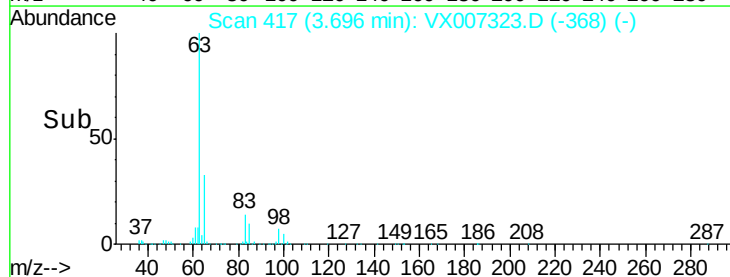
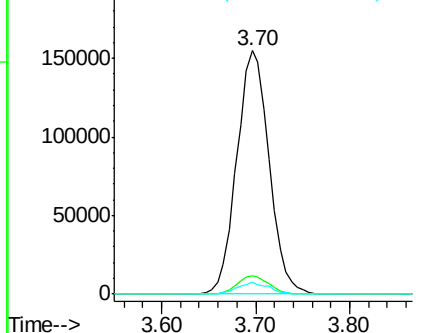
100 4.7 2.4 7.2

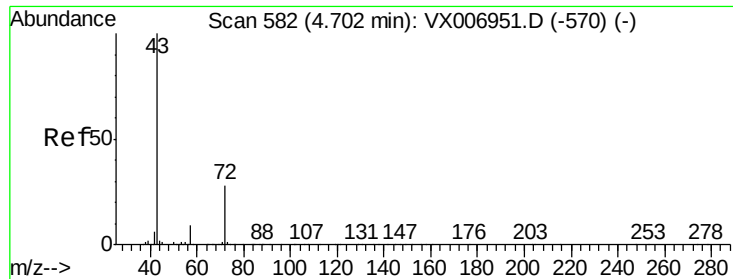


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 222.693 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 838680

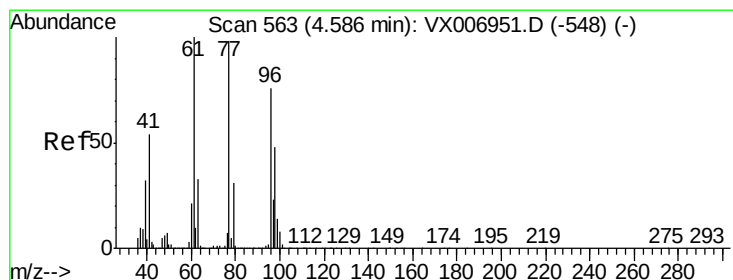
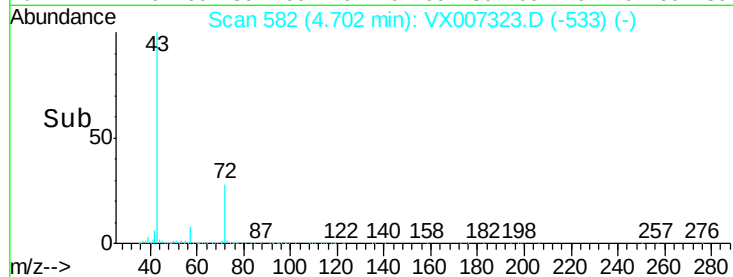
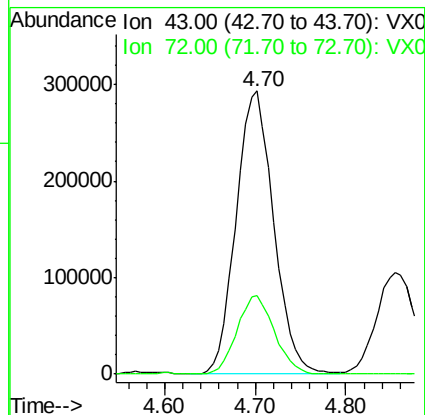
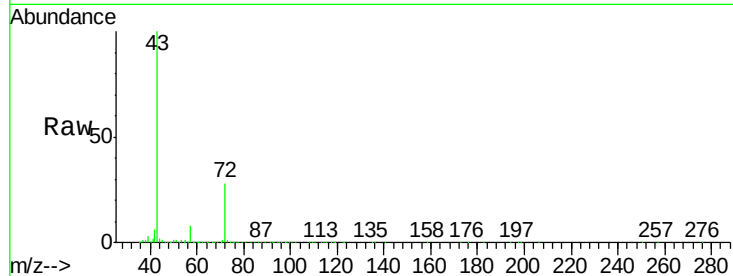
Ion Ratio Lower Upper

43 100

72 27.6 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 41.094 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007323.D

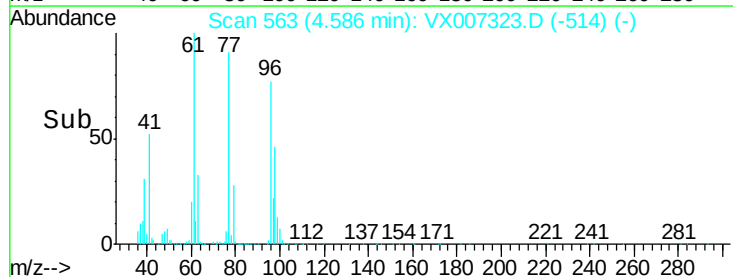
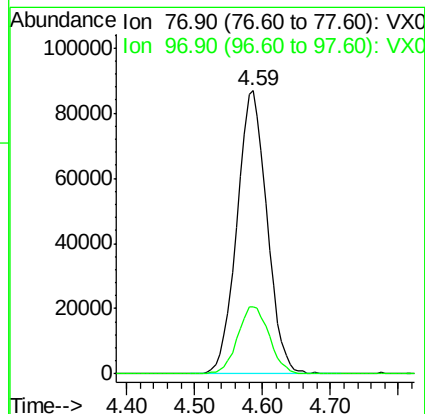
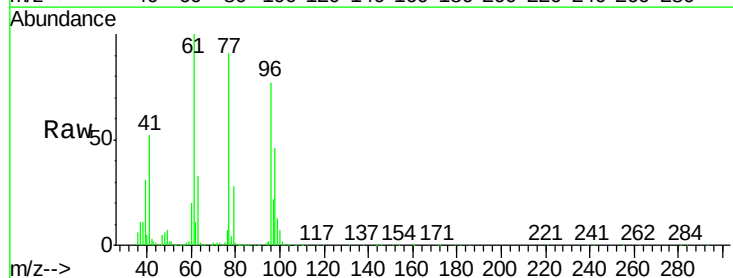
Acq: 30 Jan 2019 18:57

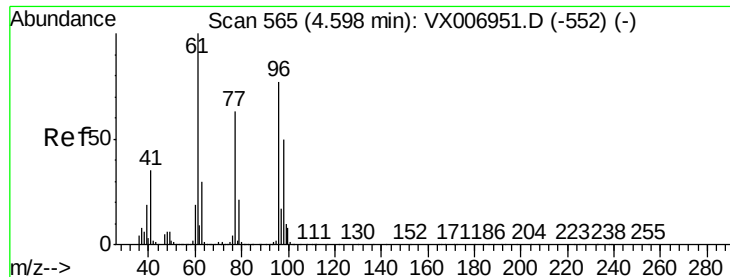
Tgt Ion: 77 Resp: 266554

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4





#27

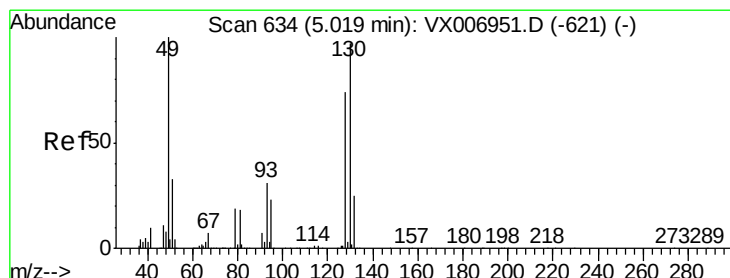
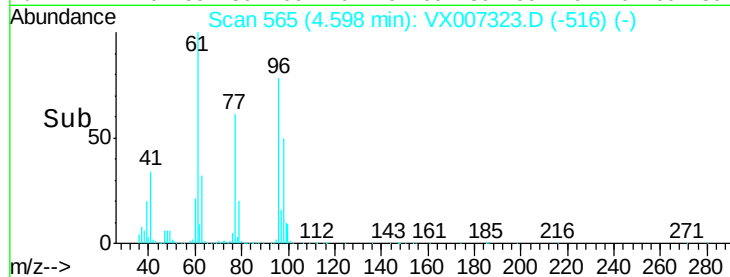
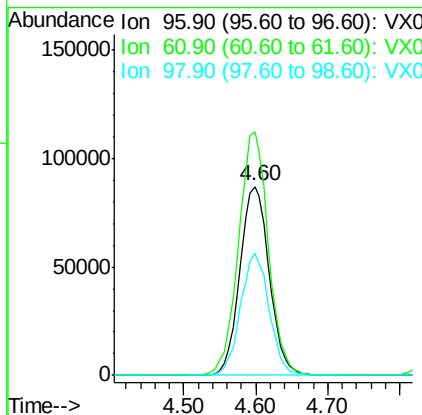
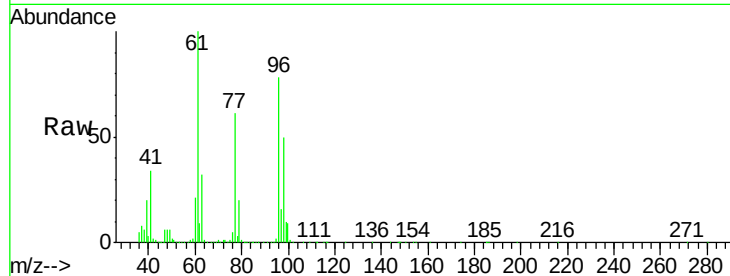
cis-1,2-Dichloroethene
Concen: 42.825 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	258.6
98	63.2	0.0	132.0

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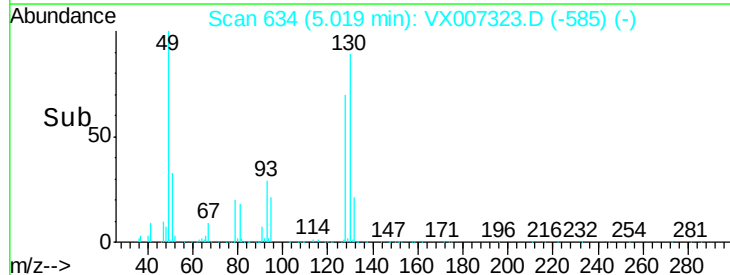
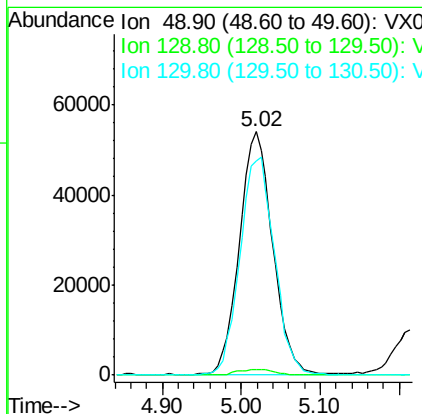
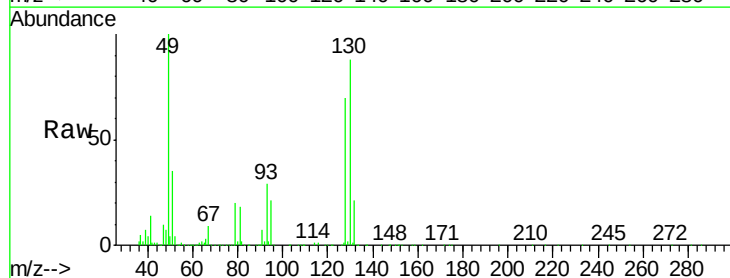
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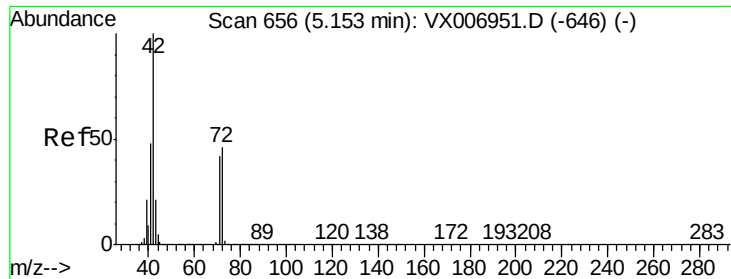


#28

Bromochloromethane
Concen: 43.233 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	92.1	77.7	116.5





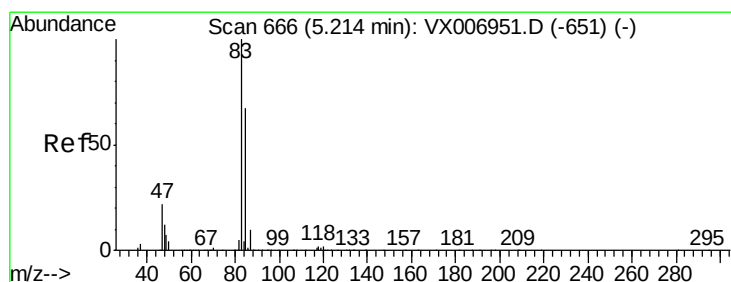
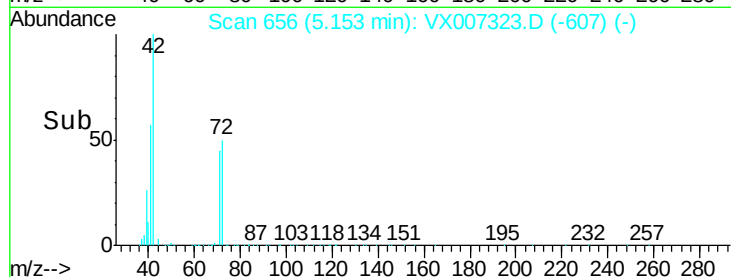
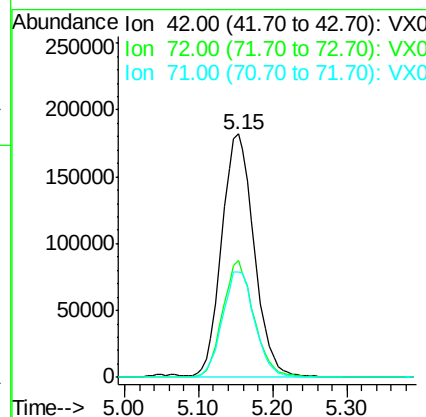
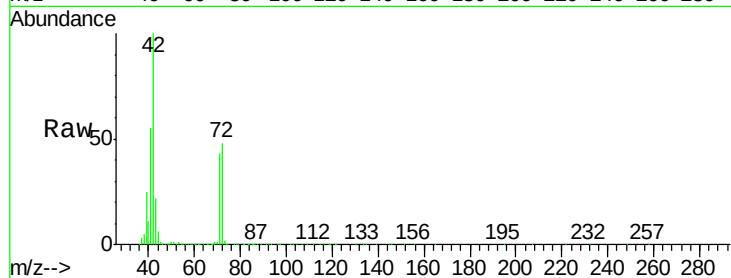
#29
Tetrahydrofuran
Concen: 224.483 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	38.9	58.3
71	43.4	36.2	54.4

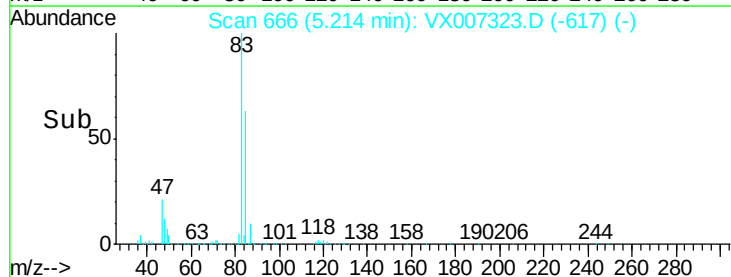
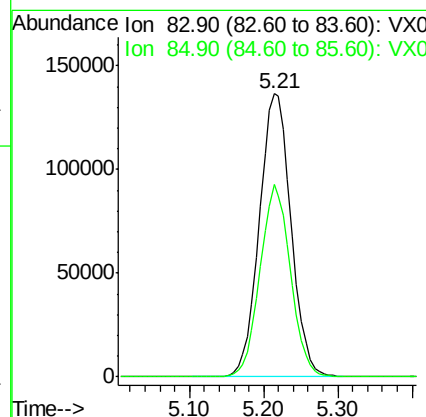
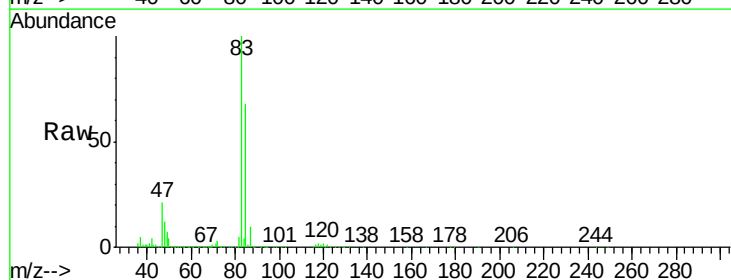
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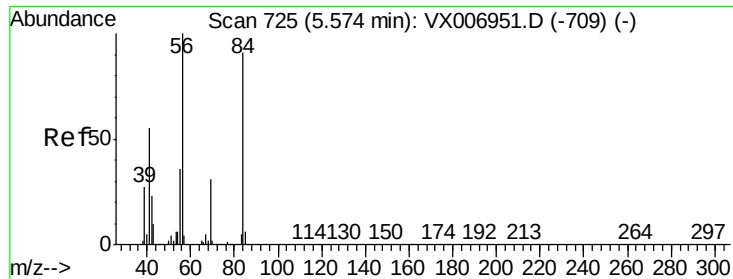
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#30
Chloroform
Concen: 45.982 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.2	76.8





#31

Cyclohexane

Concen: 39.718 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

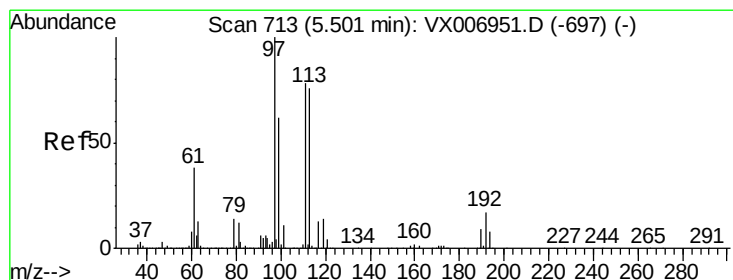
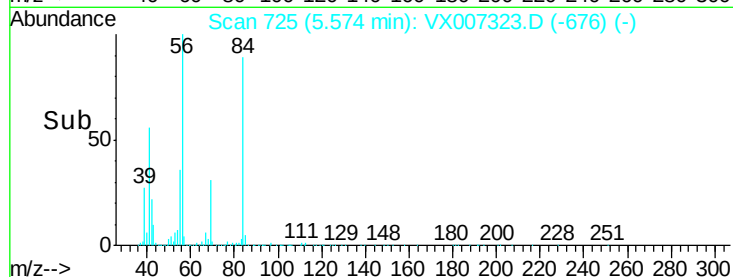
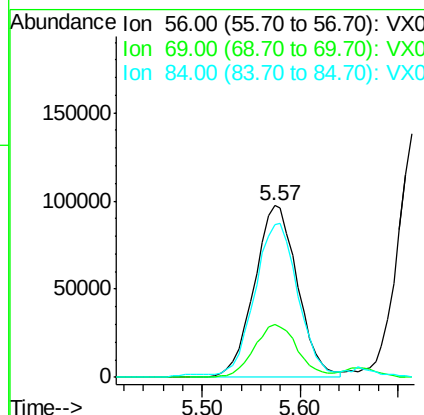
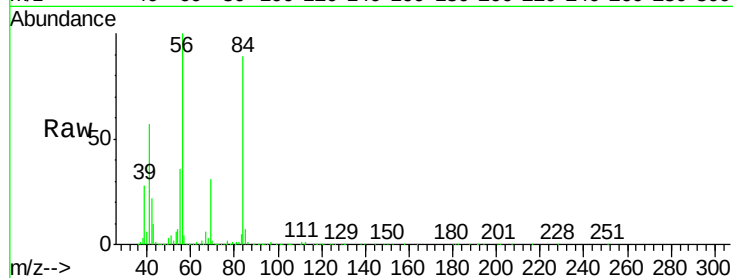
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	298195
Ion Ratio	Lower	Upper	
56	100		
69	31.2	24.4	36.6
84	87.1	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 44.867 ug/l

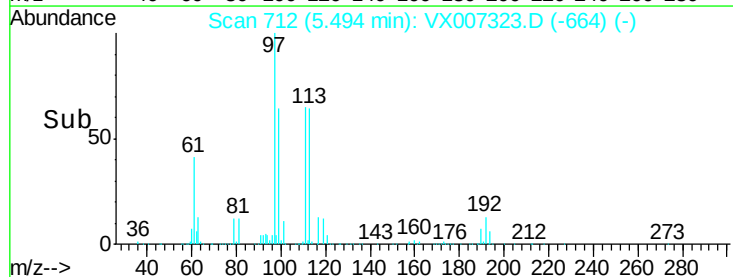
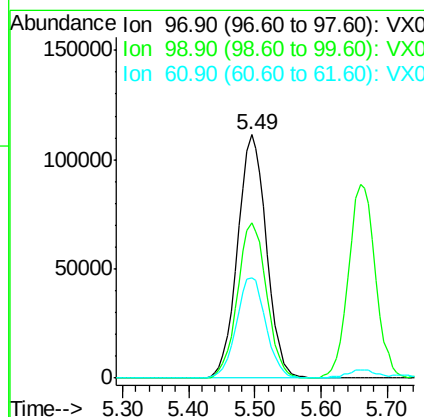
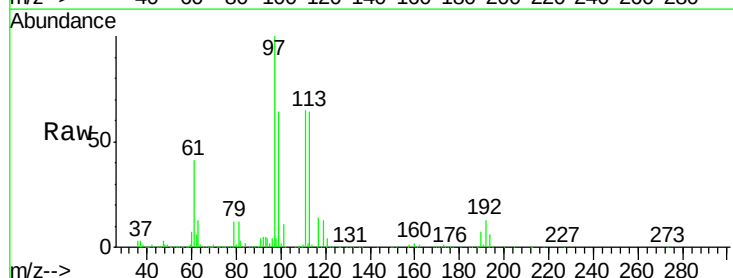
RT: 5.49 min Scan# 712

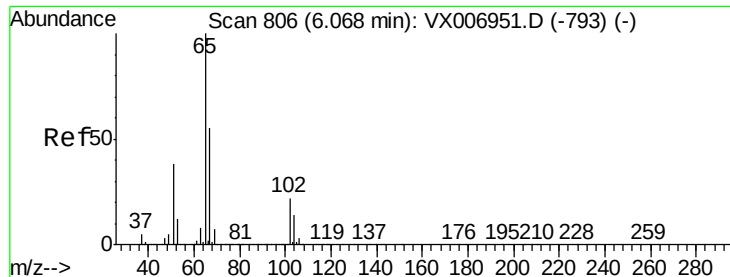
Delta R.T. -0.01 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	97	Resp:	335866
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.7	77.5
61	42.2	31.3	46.9





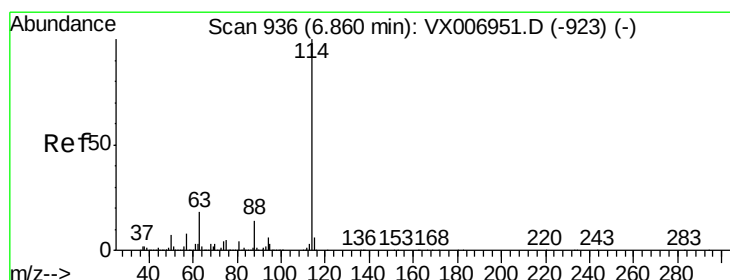
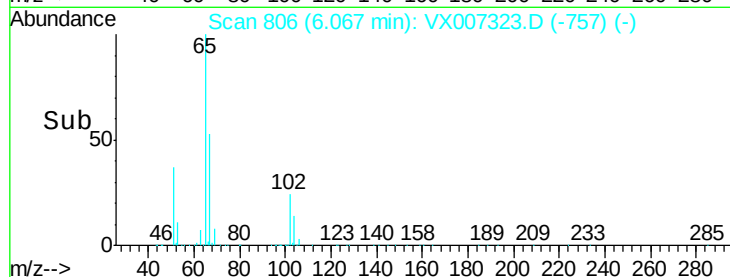
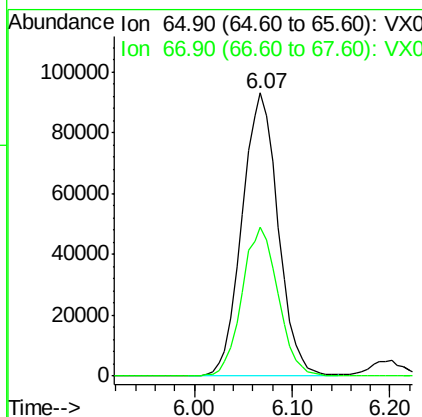
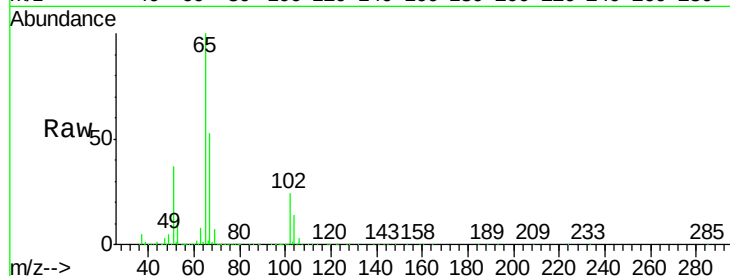
#33
 1,2-Dichloroethane-d4
 Concen: 44.895 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.0

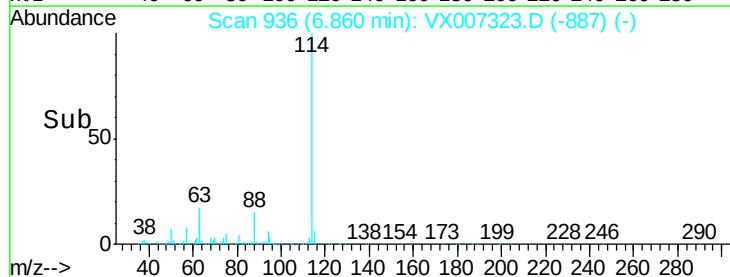
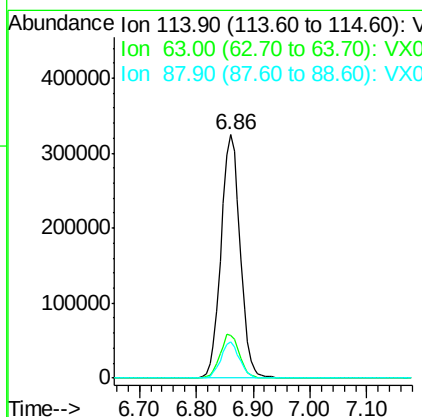
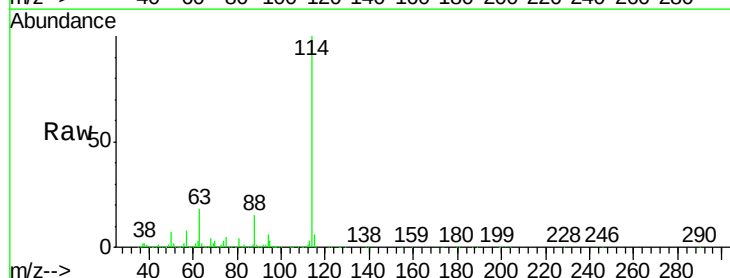
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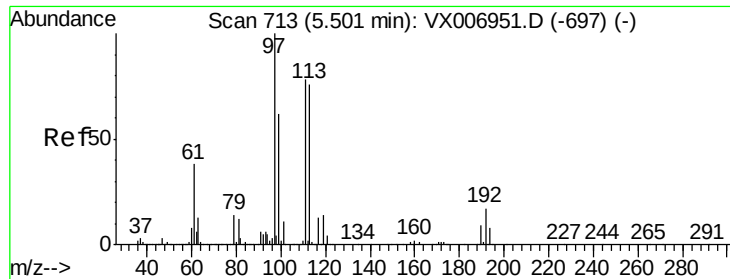
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.8
88	14.6	0.0	28.8





#35

Dibromofluoromethane

Concen: 45.465 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

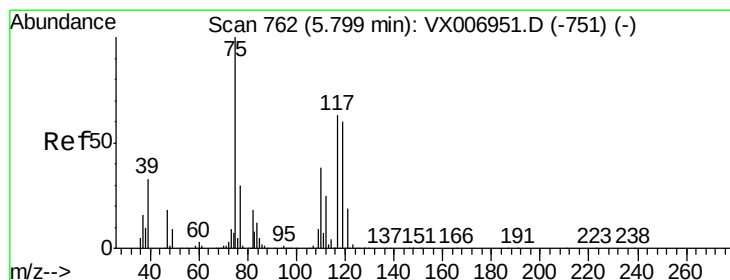
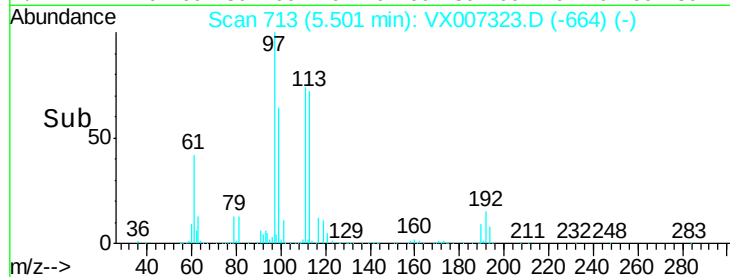
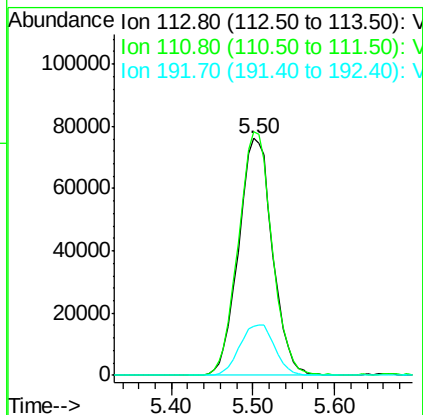
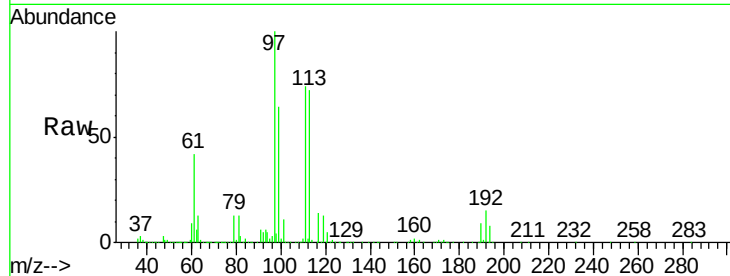
ClientSampled :

VSTDCCC050EC

Tot Ion:	113	Resp:	220279
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.6	122.4
192	22.4	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 41.812 ug/l

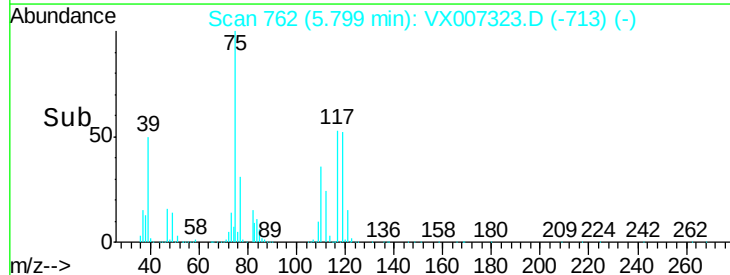
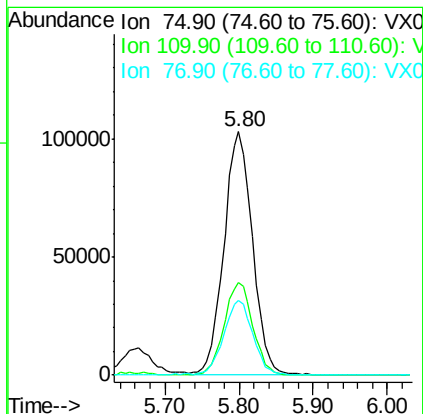
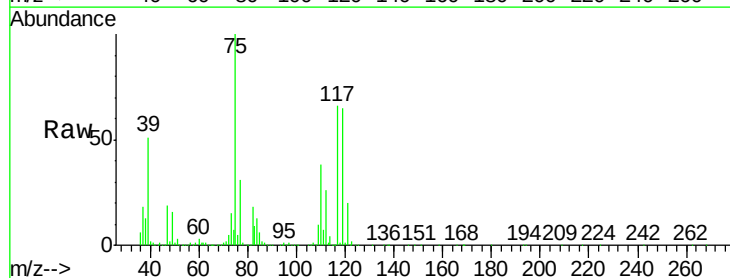
RT: 5.80 min Scan# 762

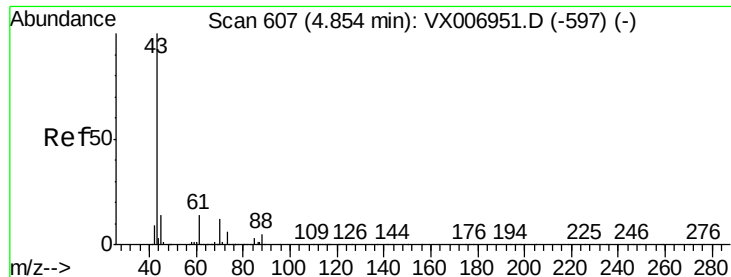
Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	75	Resp:	275027
Ion Ratio	Lower	Upper	
75	100		
110	38.5	20.2	60.5
77	30.8	24.8	37.2





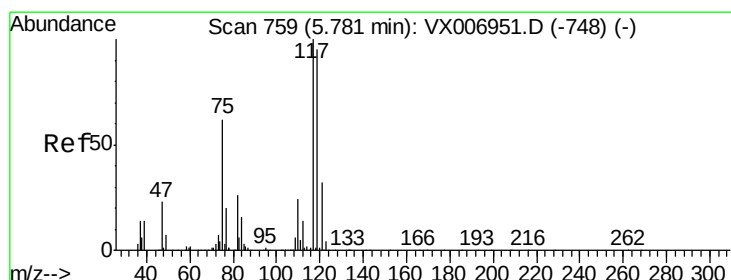
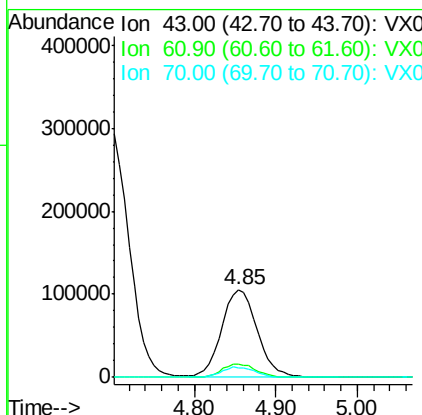
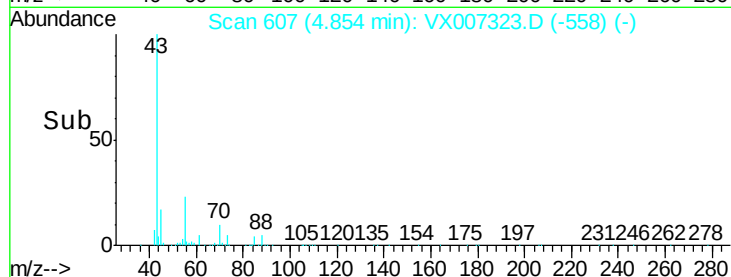
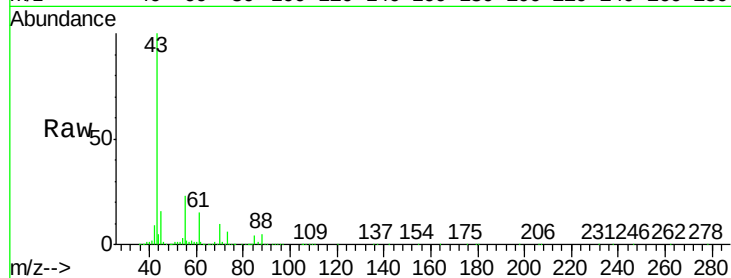
#37
Ethyl Acetate
Concen: 44.690 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	11.0	9.7	14.5

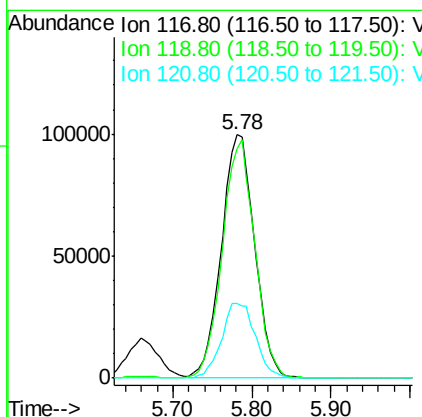
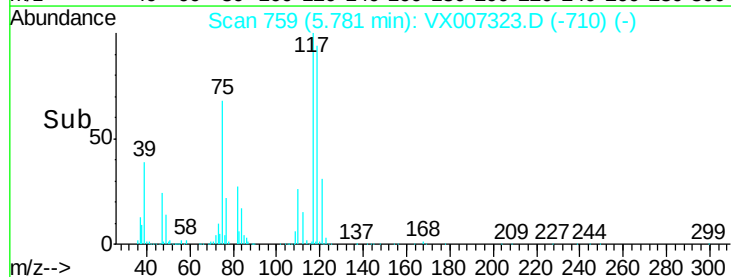
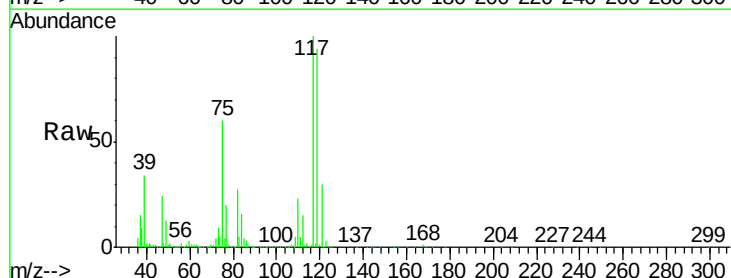
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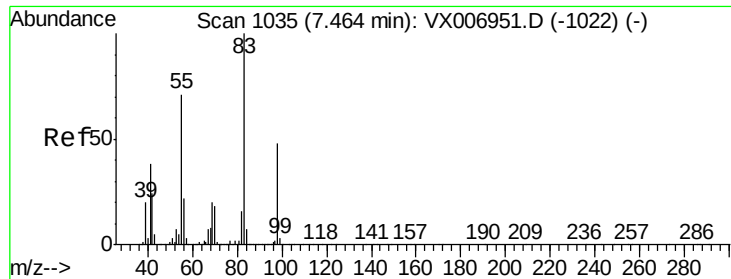
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#38
Carbon Tetrachloride
Concen: 44.144 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	79.4	119.2
121	30.4	24.0	36.0





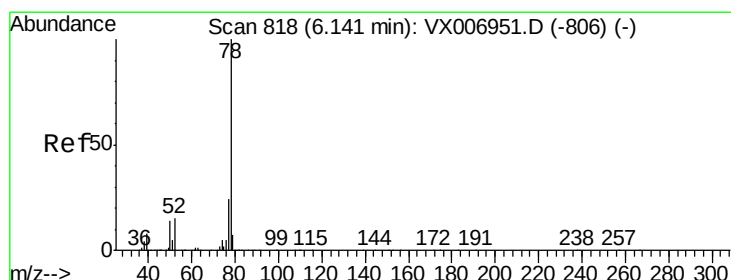
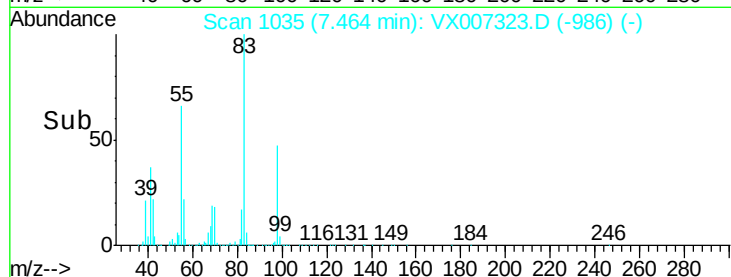
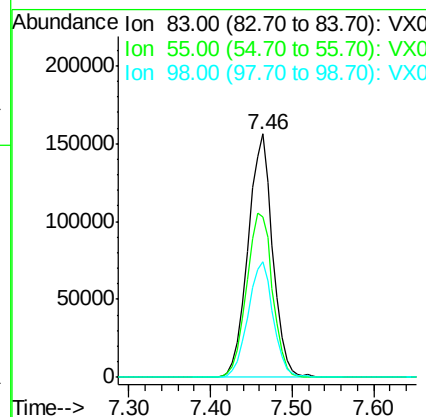
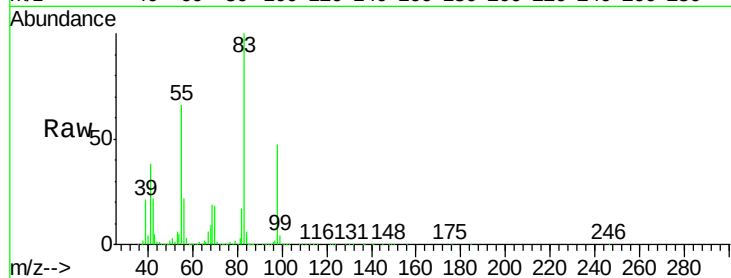
#39
Methylvlcyclohexane
Concen: 38.984 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.6	54.9	82.3
98	47.3	37.9	56.9

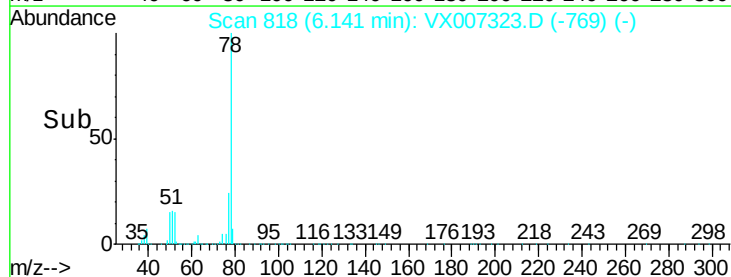
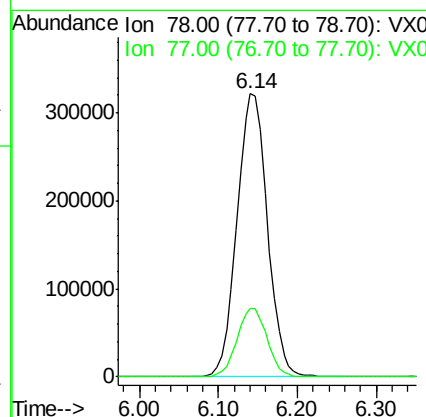
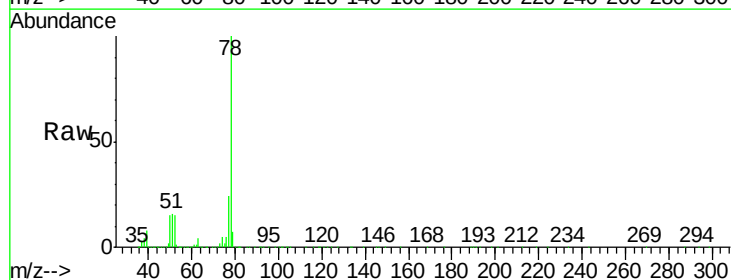
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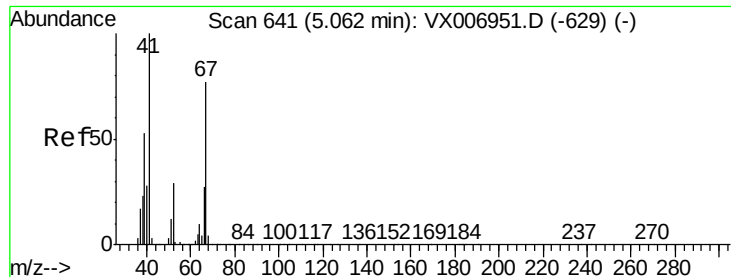
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#40
Benzene
Concen: 42.986 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8





#41

Methacrylonitrile

Concen: 43.303 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

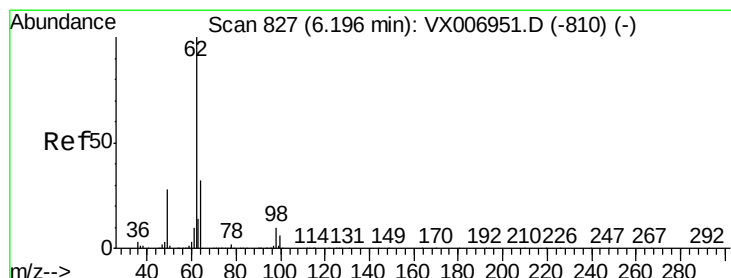
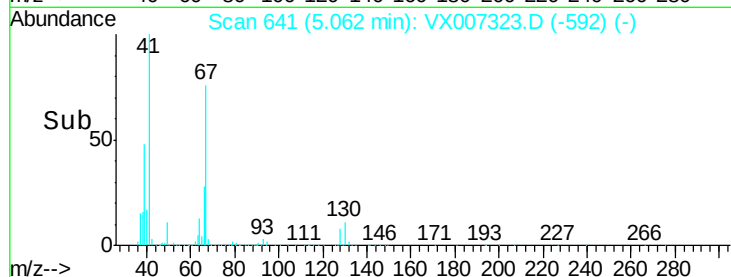
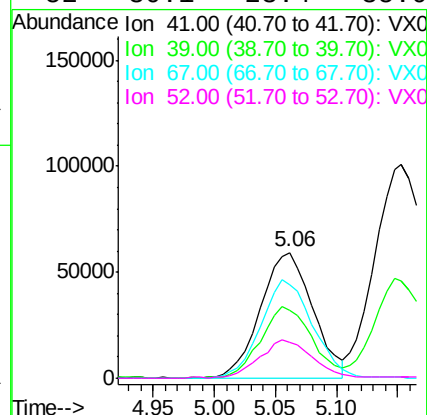
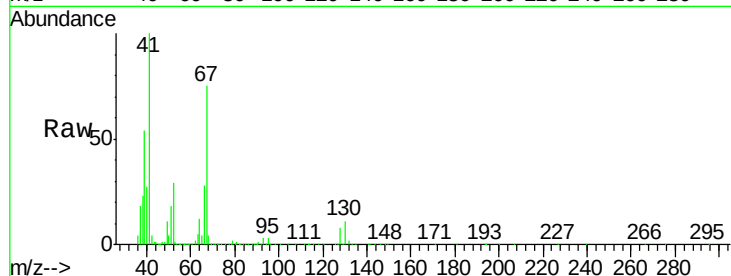
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	42.8	64.2	
67	78.0	62.1	93.1	
52	30.1	23.4	35.0	

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#42

1,2-Dichloroethane

Concen: 44.265 ug/l

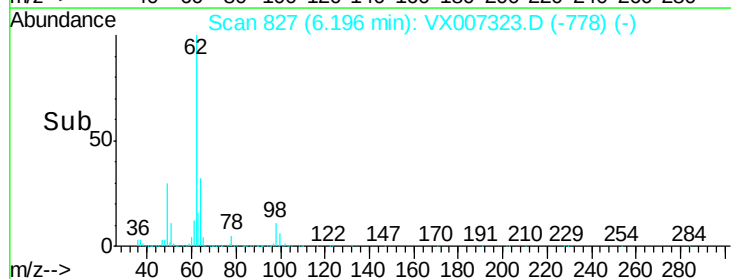
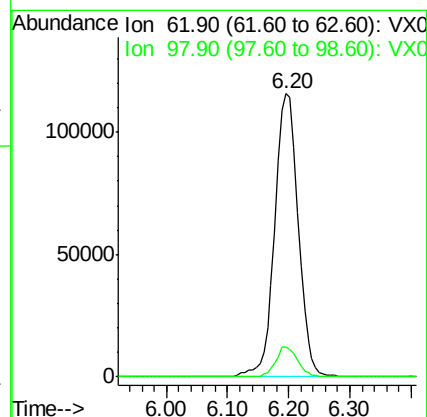
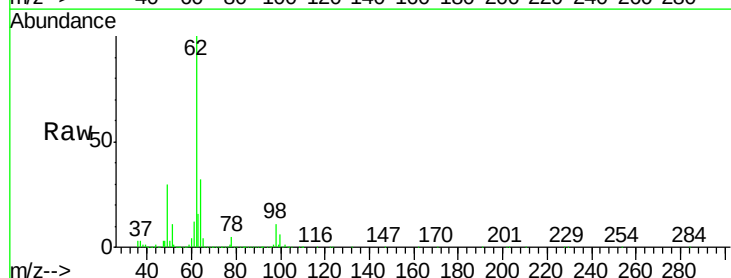
RT: 6.20 min Scan# 827

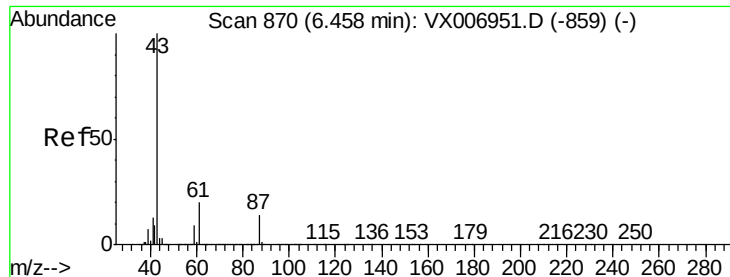
Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





#43

Isopropyl Acetate

Concen: 46.434 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

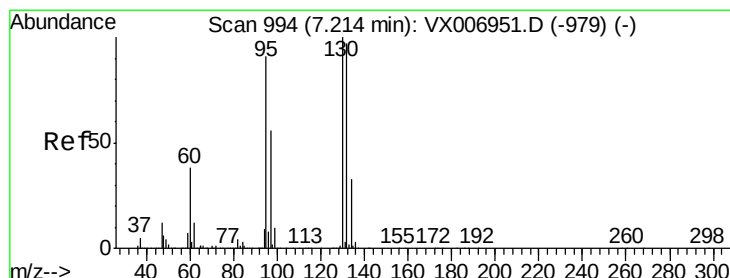
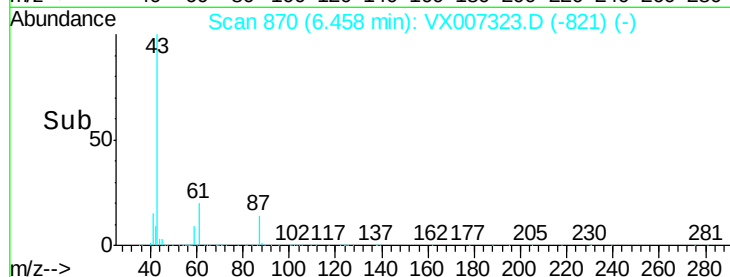
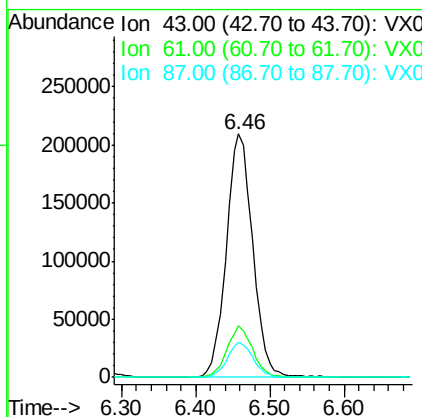
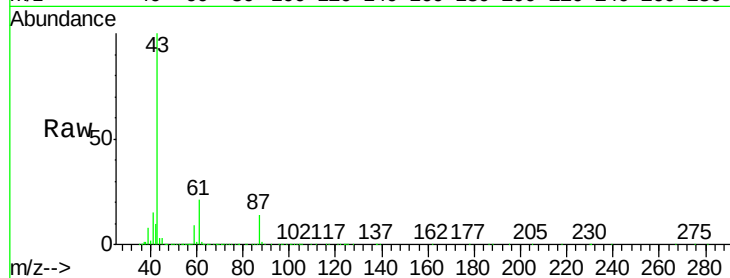
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	516512
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.3	12.4	18.6

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#44

Trichloroethene

Concen: 42.306 ug/l

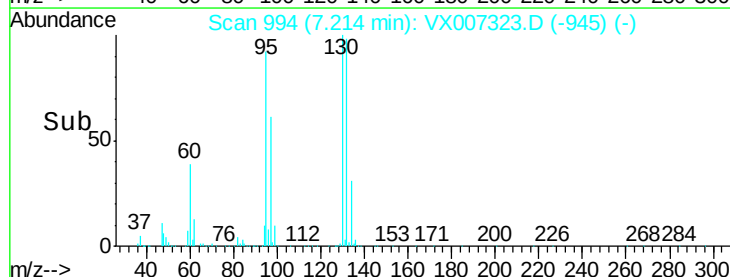
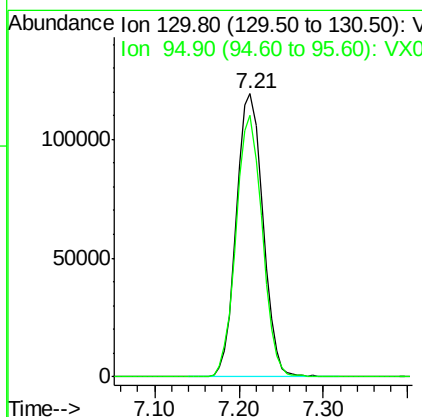
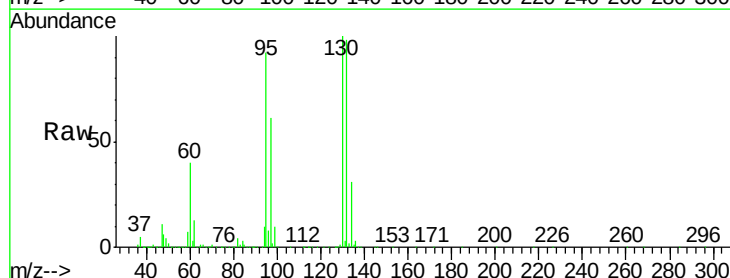
RT: 7.21 min Scan# 994

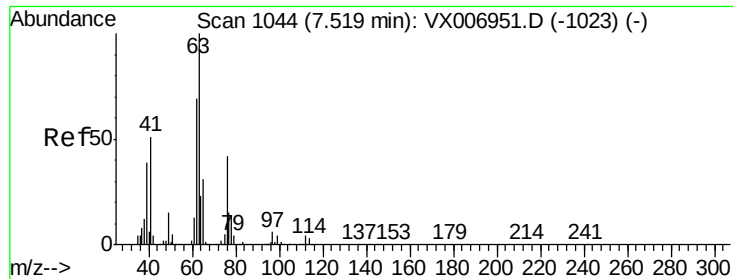
Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	130	Resp:	254444
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	187.0





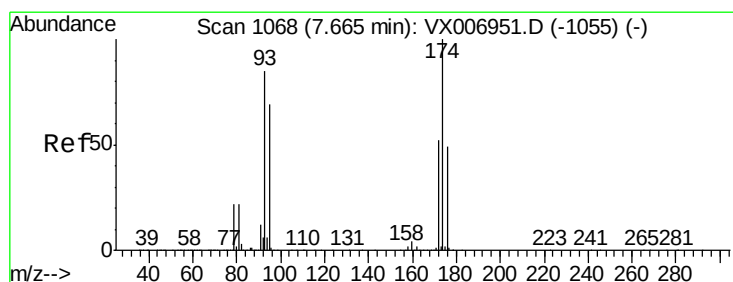
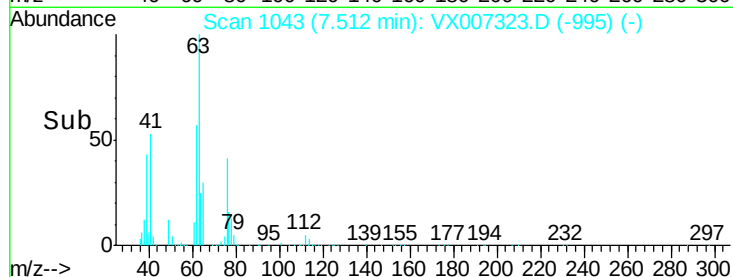
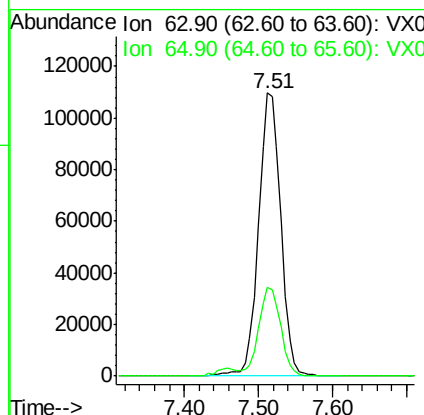
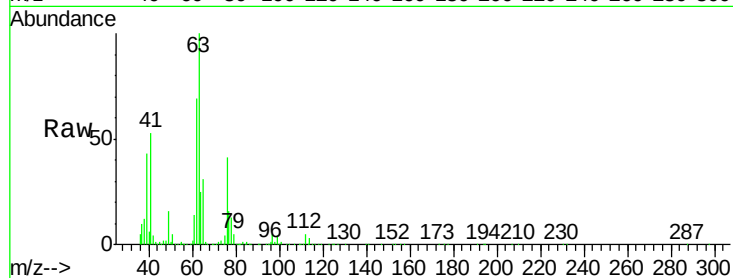
#45
 1,2-Dichloropropane
 Concen: 45.452 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.4	38.0

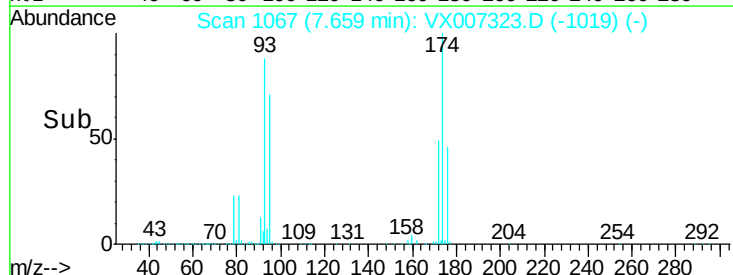
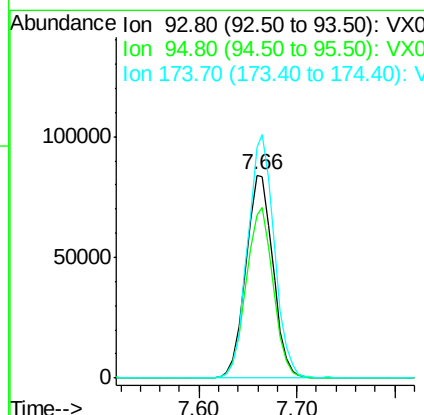
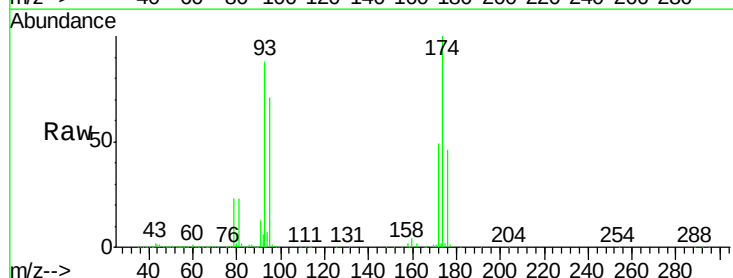
Manual Integrations
 APPROVED

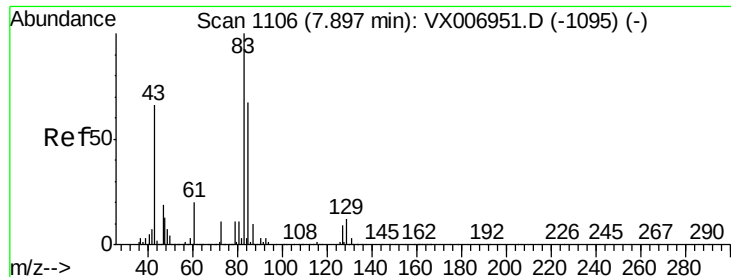
MMDadoda
 2/1/2019 10:44:31 AM



#46
 Dibromomethane
 Concen: 45.606 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.2	99.4
174	117.3	91.0	136.4





#47

Bromodichloromethane

Concen: 48.540 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

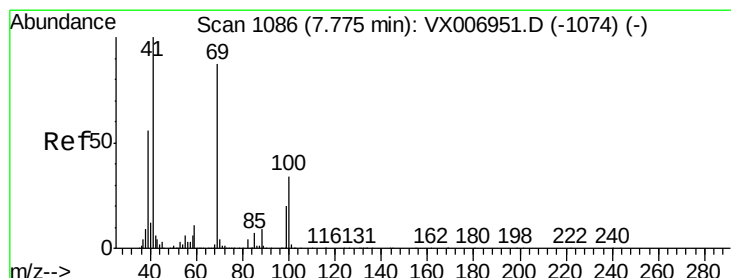
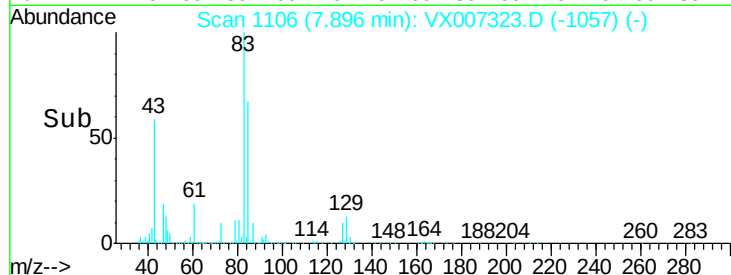
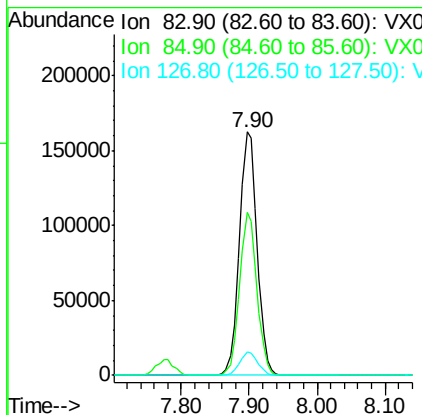
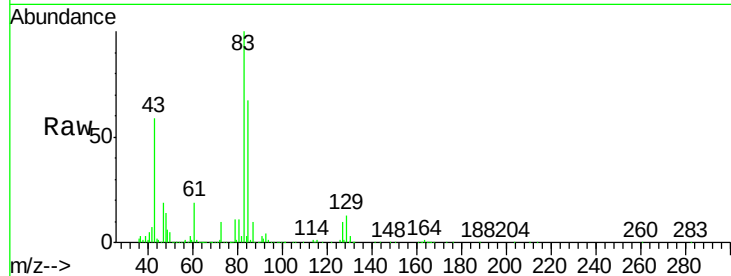
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	292999
Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.2	79.8
127	9.6	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.385 ug/l

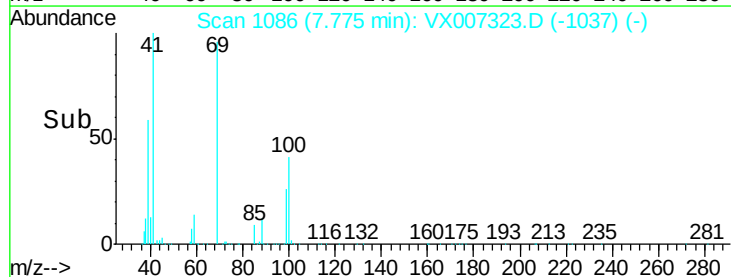
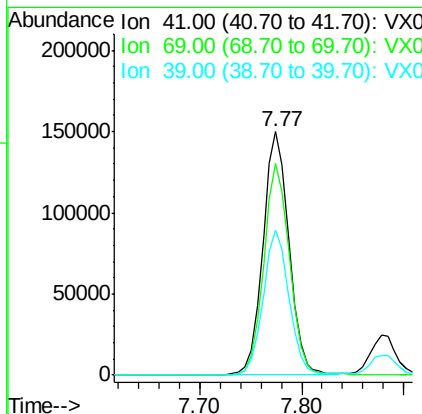
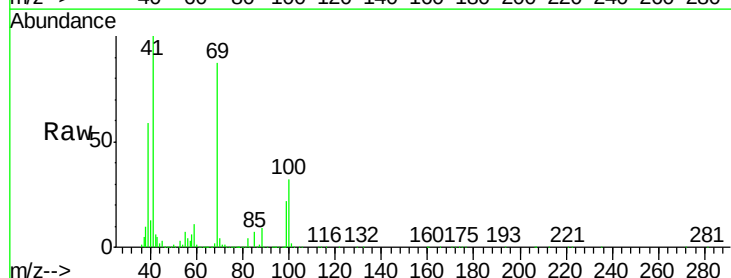
RT: 7.77 min Scan# 1086

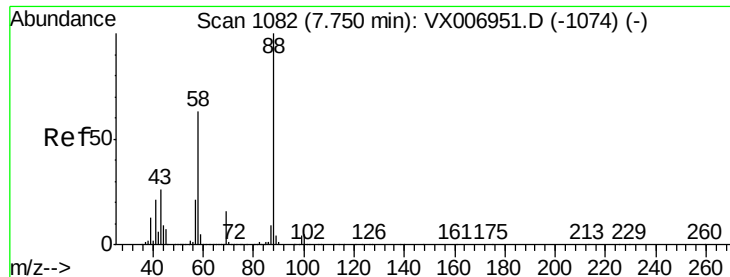
Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	41	Resp:	264969
Ion	Ratio	Lower	Upper
41	100		
69	86.7	72.4	108.6
39	58.9	45.8	68.8





#49

1,4-Dioxane

Concen: 874.174 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

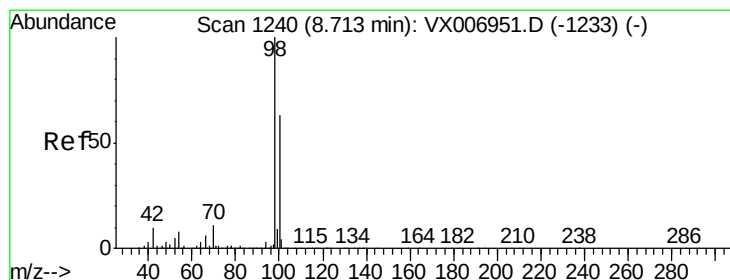
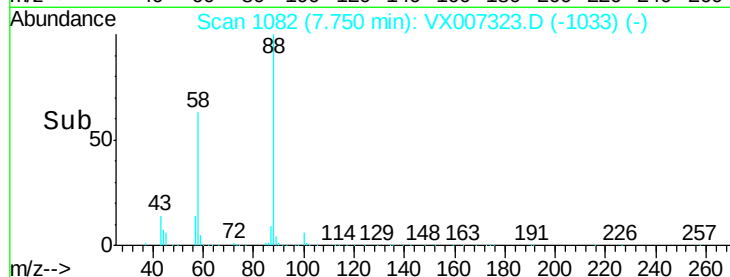
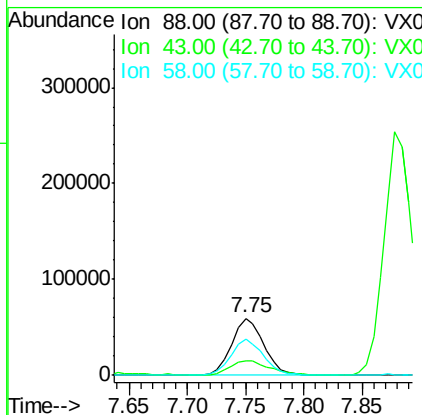
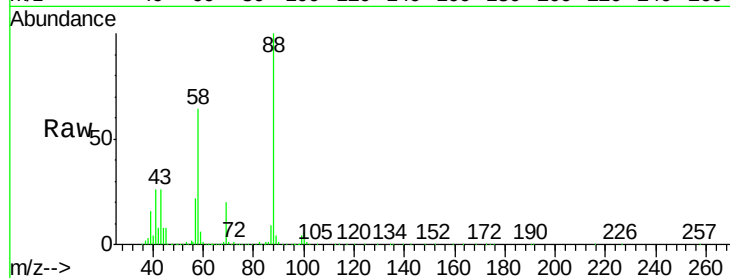
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	114179
Ion	Ratio	Lower	Upper
88	100		
43	31.2	22.2	33.4
58	64.0	51.0	76.4

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#50

Toluene-d8

Concen: 44.249 ug/l

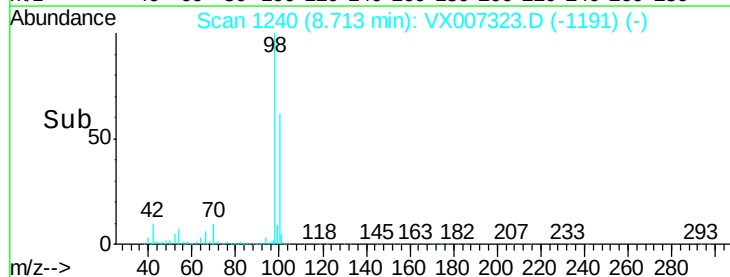
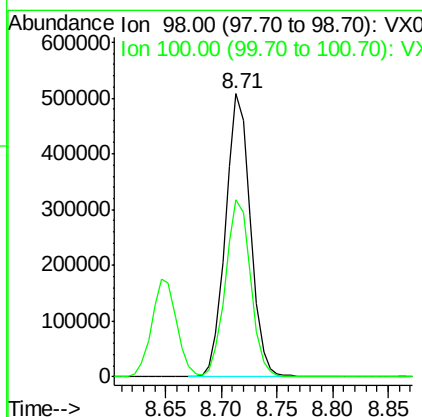
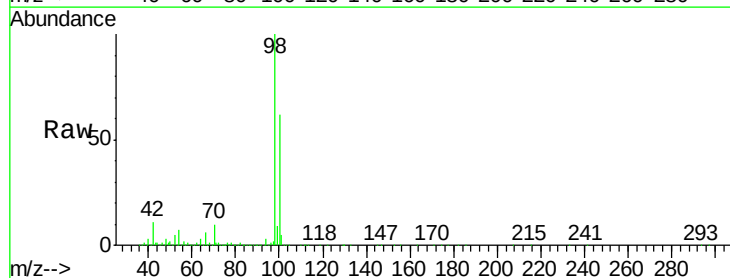
RT: 8.71 min Scan# 1240

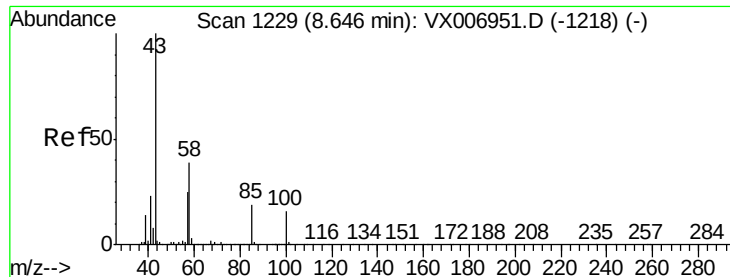
Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	98	Resp:	784726
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 237.199 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1695652

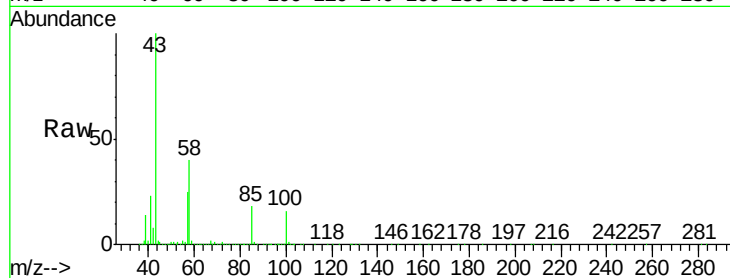
Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.6

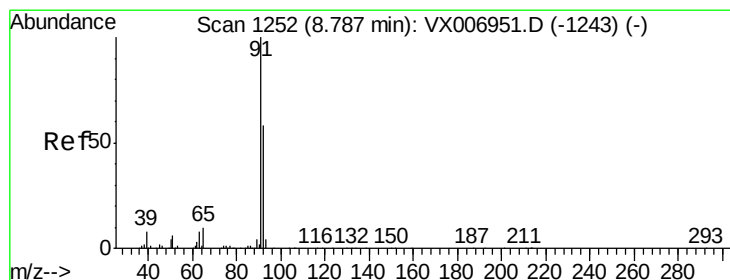
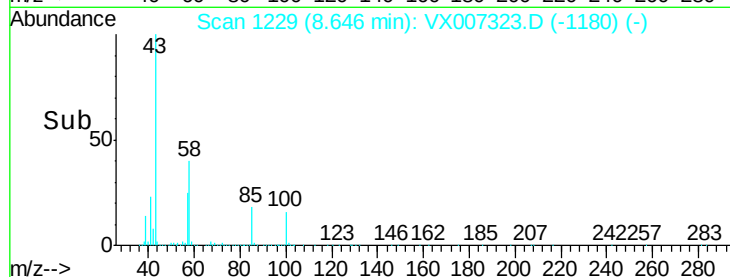
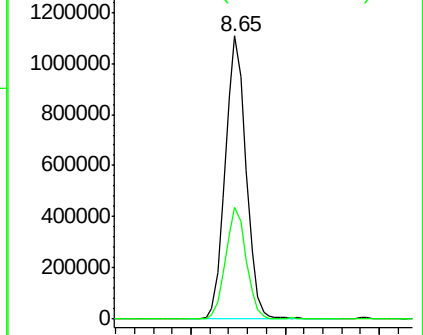
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 43.682 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007323.D

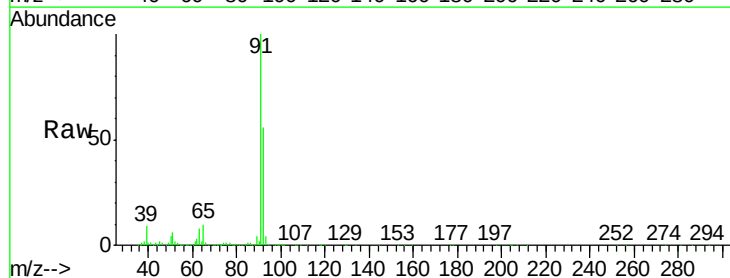
Acq: 30 Jan 2019 18:57

Tgt Ion: 92 Resp: 563502

Ion Ratio Lower Upper

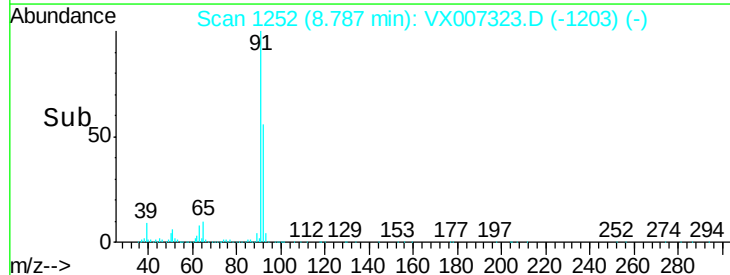
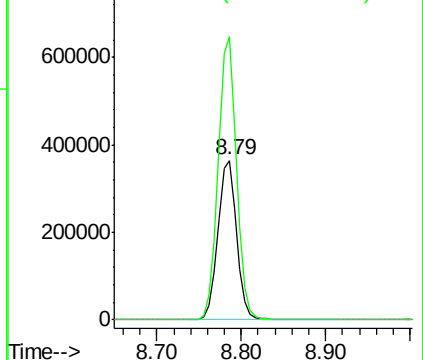
92 100

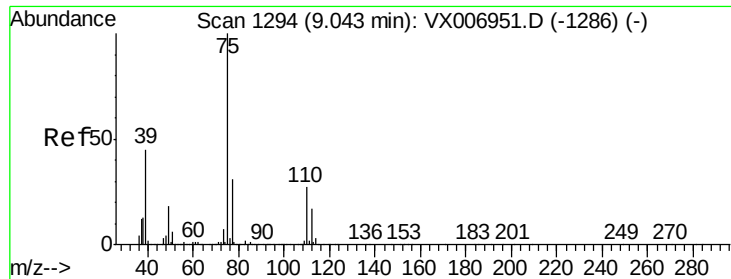
91 174.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.952 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 320960

Ion Ratio Lower Upper

75 100

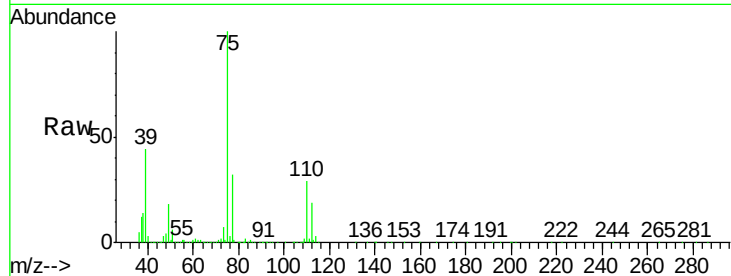
77 31.6 25.4 38.0

Manual Integrations

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MMDadoda

2/1/2019 10:44:31 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

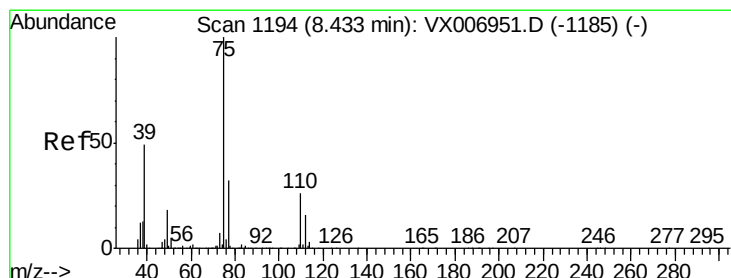
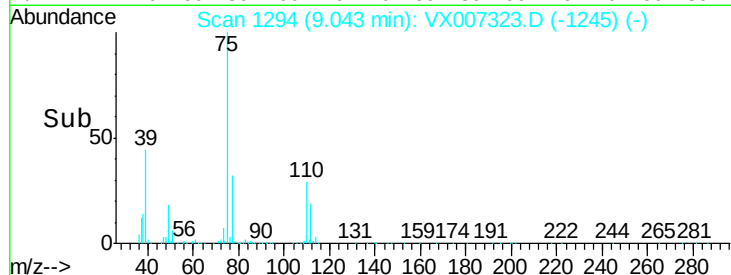
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.236 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

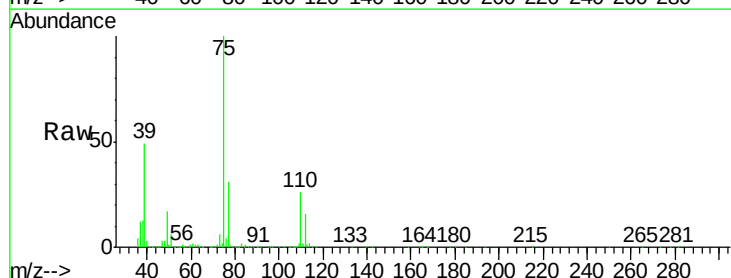
Tgt Ion: 75 Resp: 349156

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2

39 48.4 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

300000

250000

200000

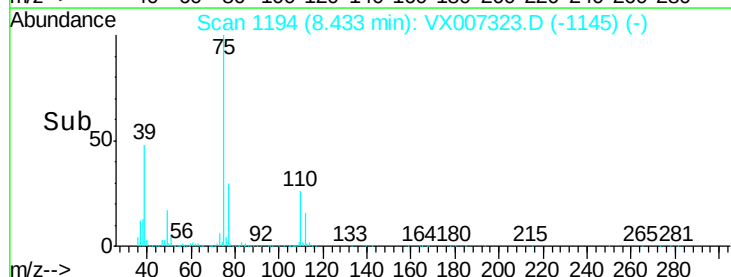
150000

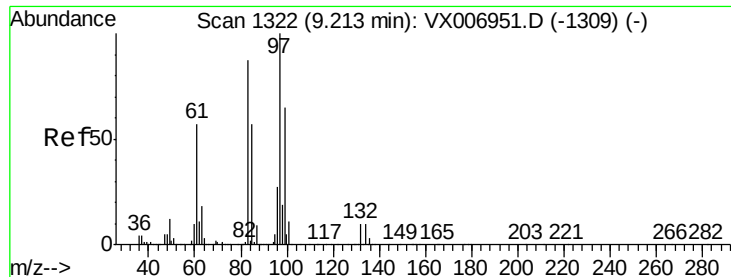
100000

50000

0

Time-->





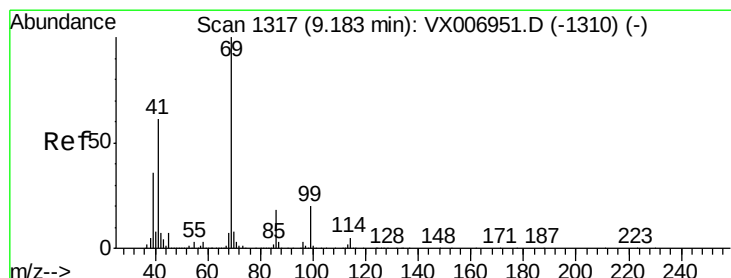
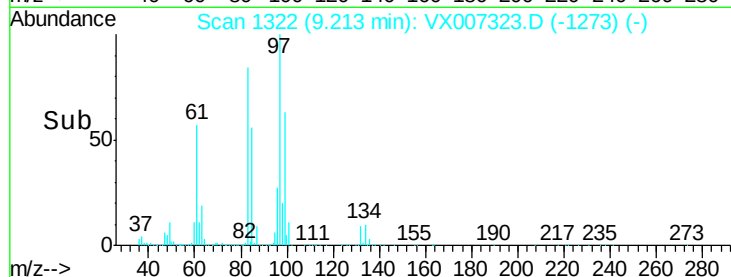
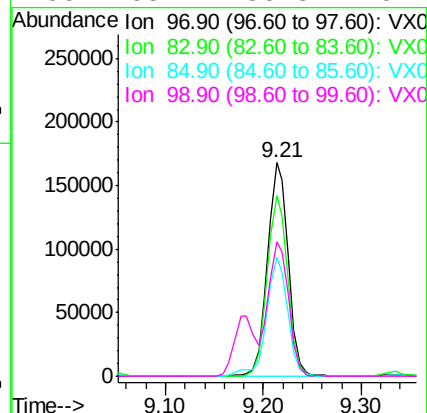
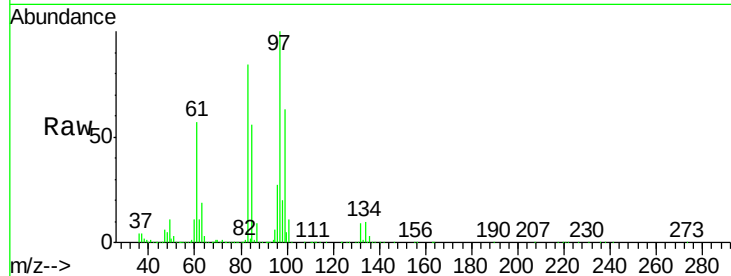
#55
 1,1,2-Trichloroethane
 Concen: 48.287 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		249326		
83	84.4	66.6	99.8		
85	55.8	42.7	64.1		
99	63.2	50.8	76.2		

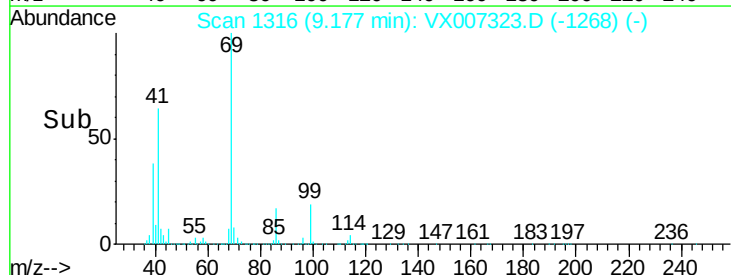
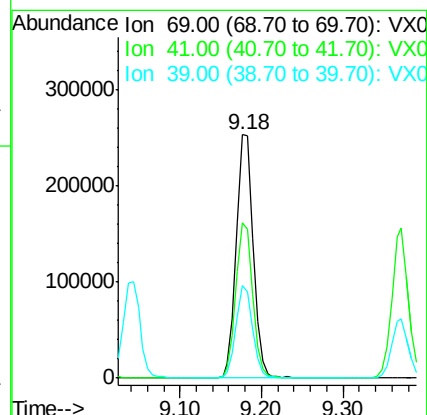
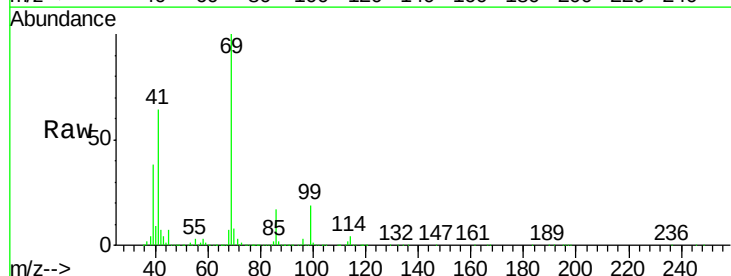
Manual Integrations
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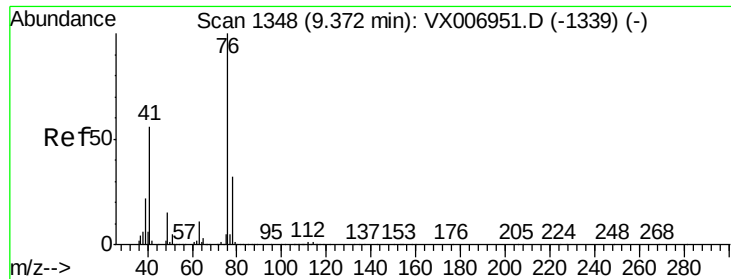
MMDadoda
 2/1/2019 10:44:31 AM



#56
 Ethyl methacrylate
 Concen: 47.703 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		359582		
41	62.7	48.7	73.1		
39	37.1	27.0	40.6		





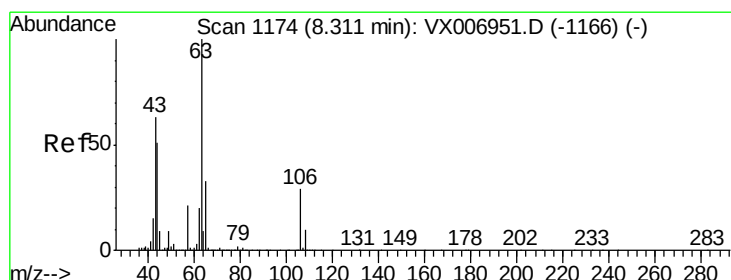
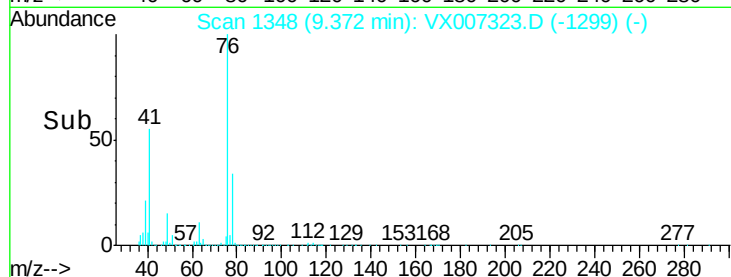
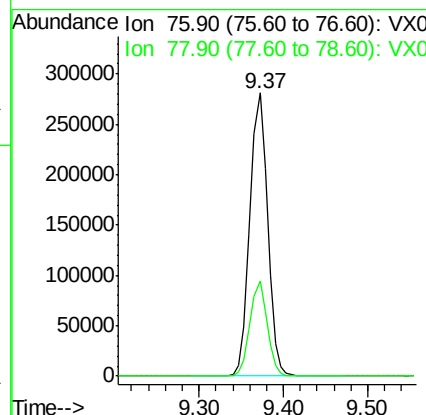
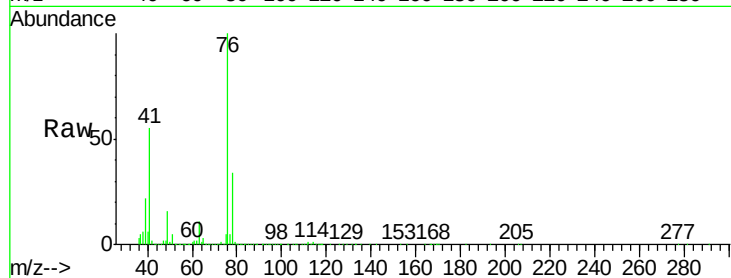
#57
 1,3-Dichloropropane
 Concen: 46.688 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 394940
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0

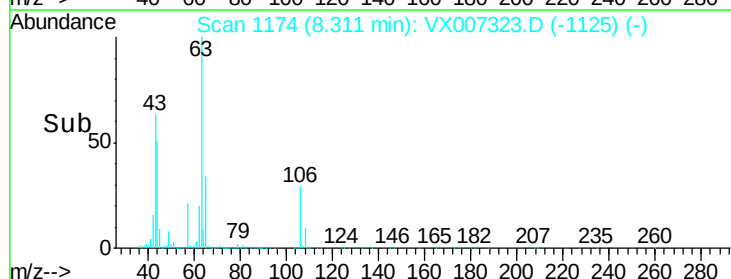
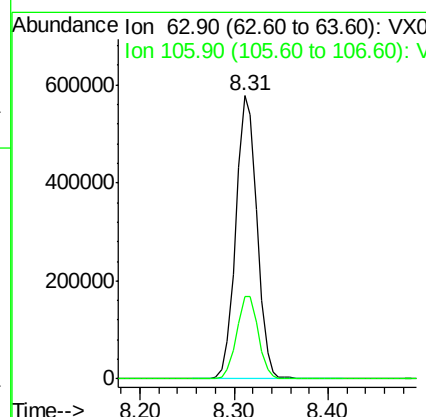
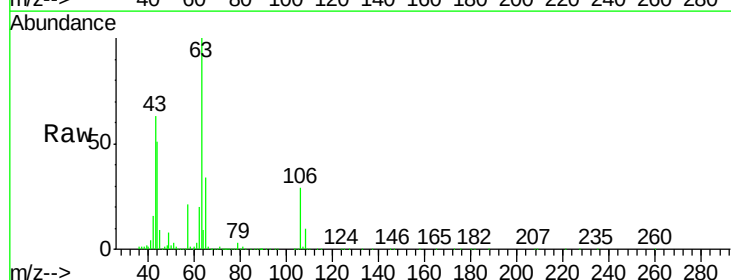
Manual Integrations
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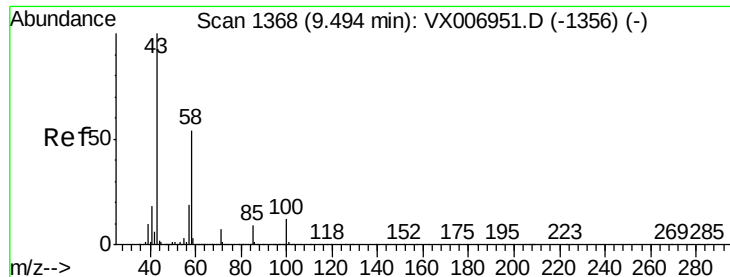
MMDadoda
 2/1/2019 10:44:31 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.516 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion: 63 Resp: 897288
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.6 36.8





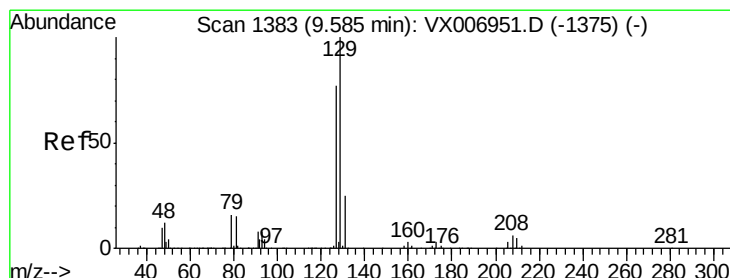
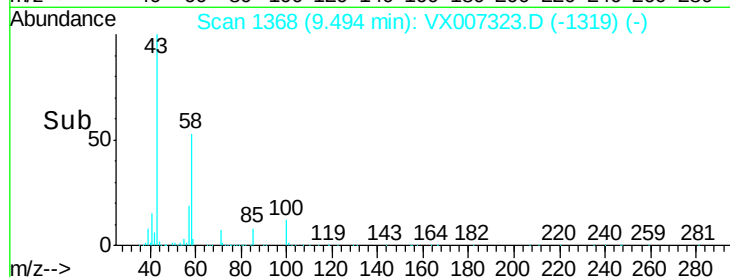
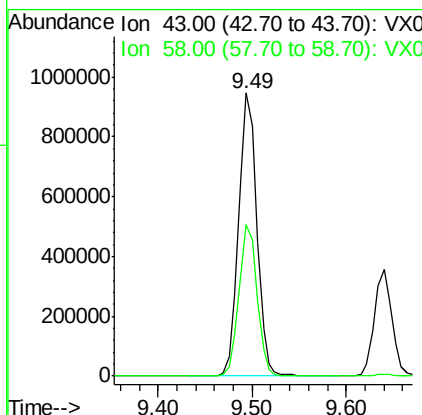
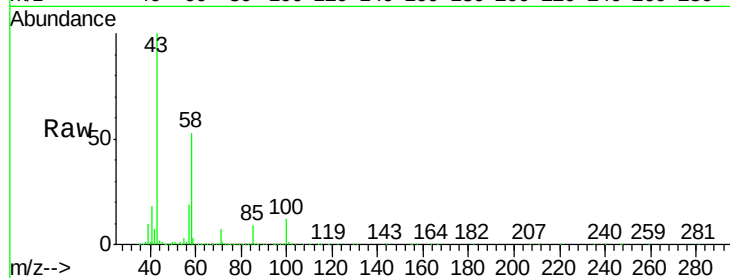
#59
2-Hexanone
Concen: 233.134 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1270036
Ion Ratio Lower Upper
43 100
58 53.7 27.7 83.1

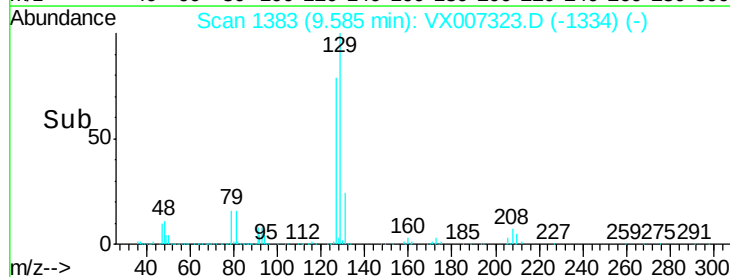
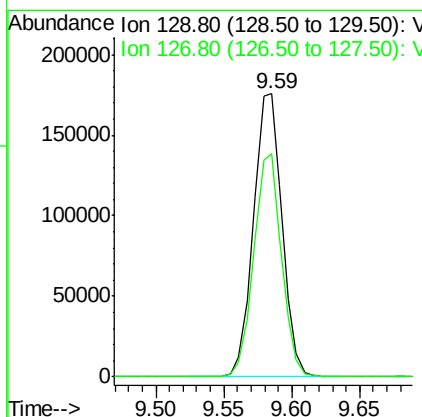
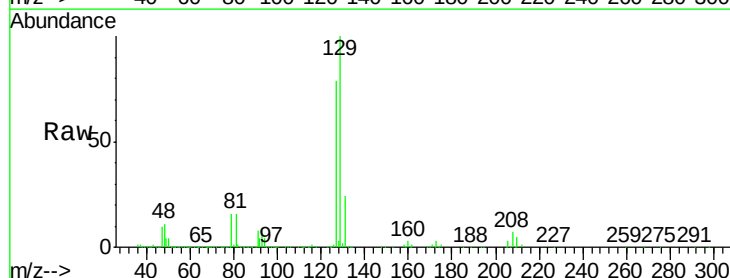
Manual Integrations
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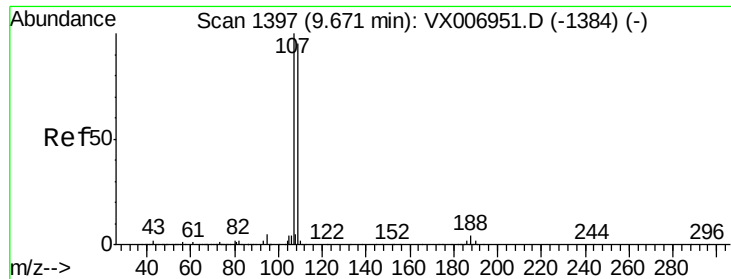
MMDadoda
2/1/2019 10:44:31 AM



#60
Dibromochloromethane
Concen: 51.810 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion: 129 Resp: 259771
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 46.377 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 263626

Ion Ratio Lower Upper

107 100

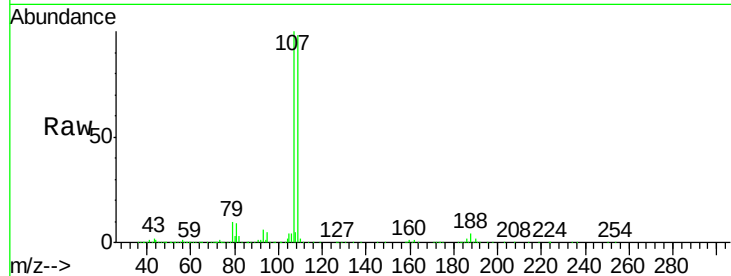
109 95.7 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

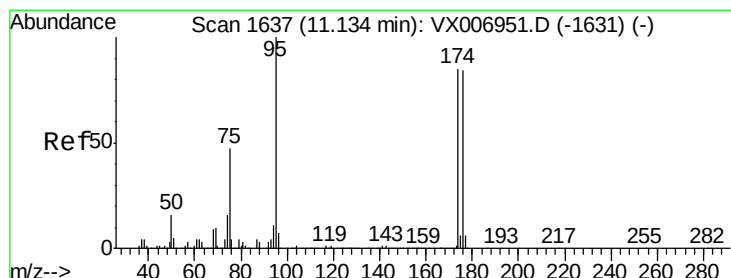
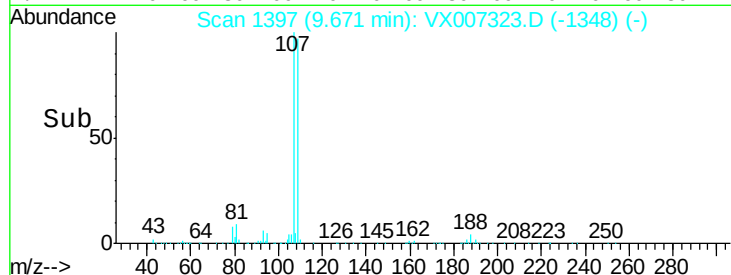
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.589 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

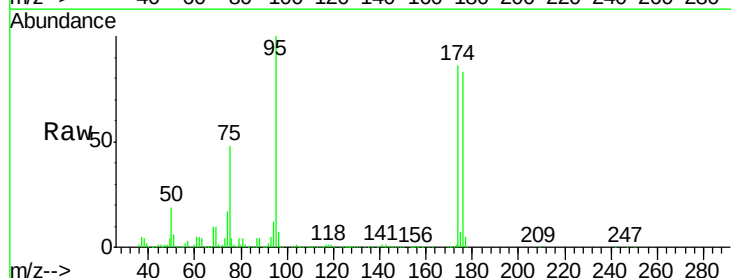
Tgt Ion: 95 Resp: 281857

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

176 91.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

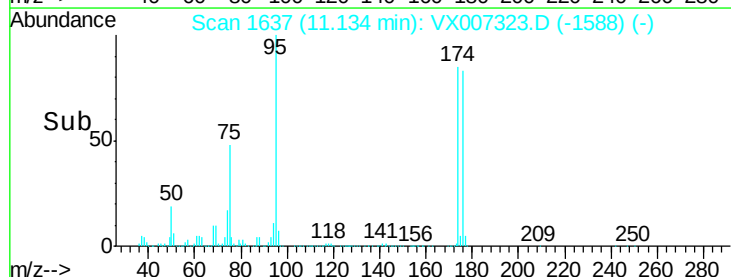
150000

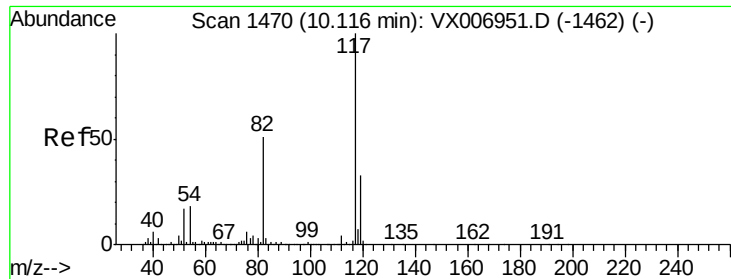
100000

50000

0

Time-->





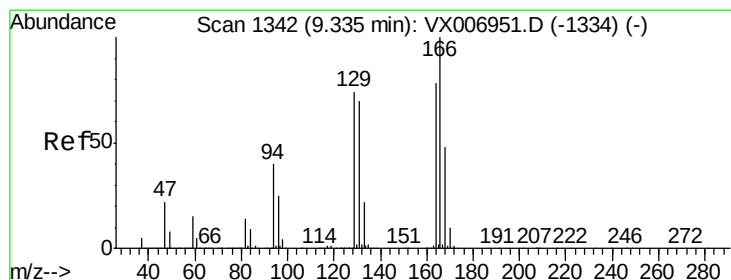
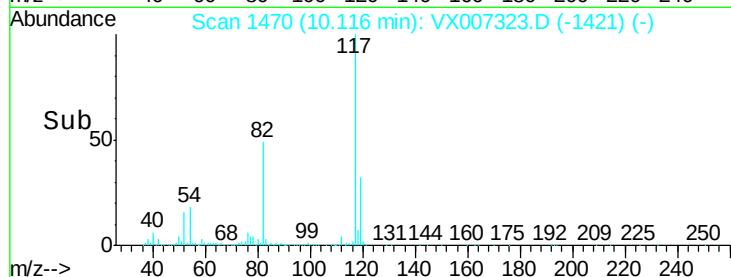
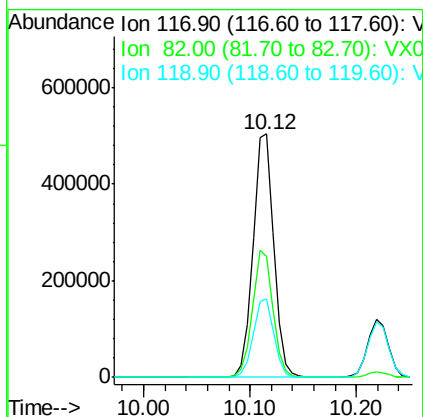
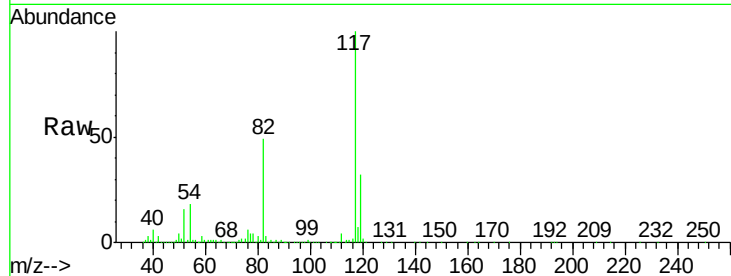
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	690173		
82	49.4		41.0	61.6
119	32.1		25.4	38.0

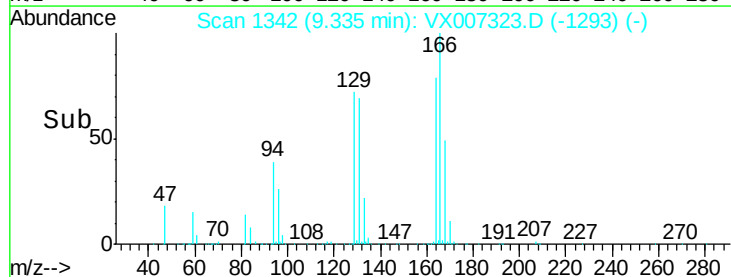
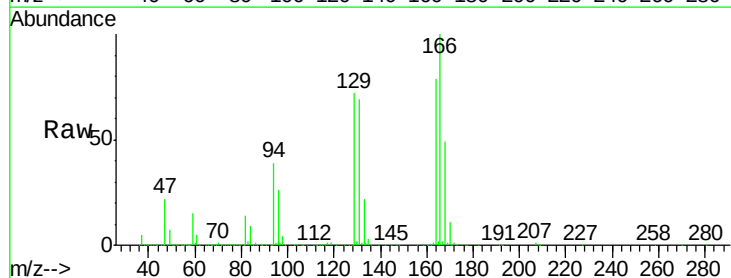
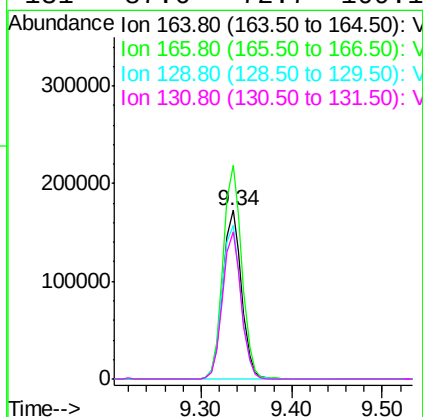
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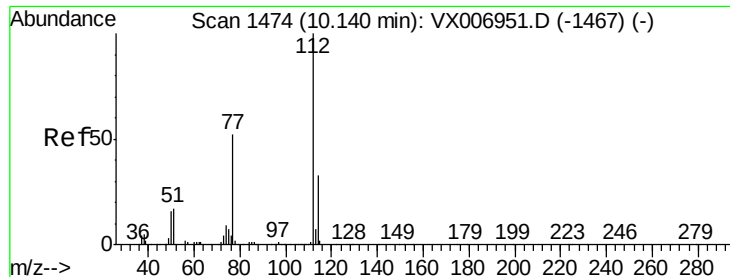
MMDadoda
2/1/2019 10:44:31 AM



#64
Tetrachloroethene
Concen: 41.579 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	248446		
166	126.8		102.5	153.7
129	91.4		75.1	112.7
131	87.6		72.7	109.1





#65

Chlorobenzene

Concen: 44.245 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 666020

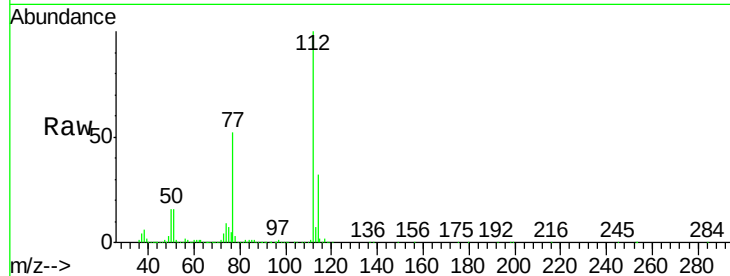
Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5

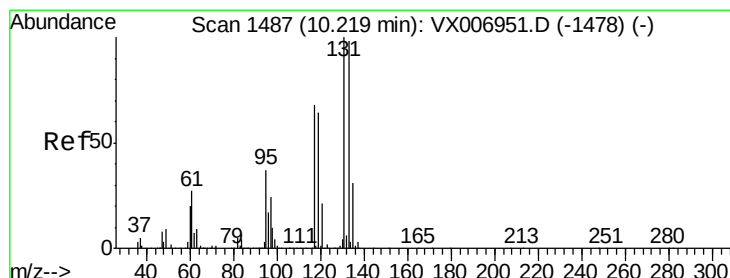
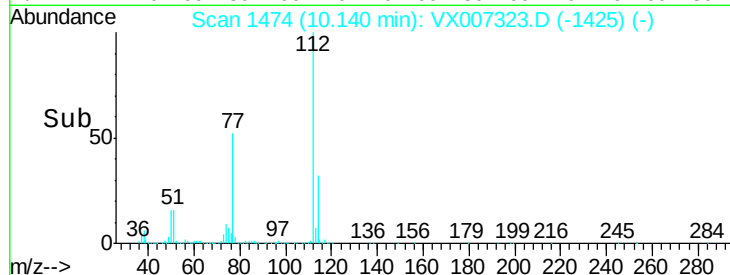
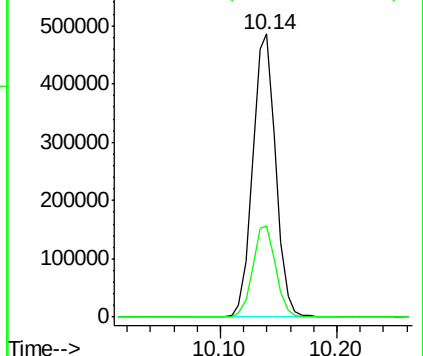
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.968 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

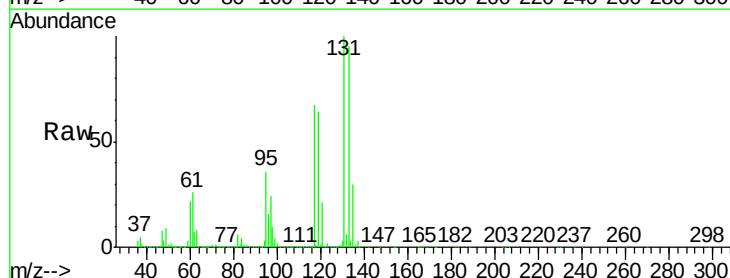
Tgt Ion:131 Resp: 247968

Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.2

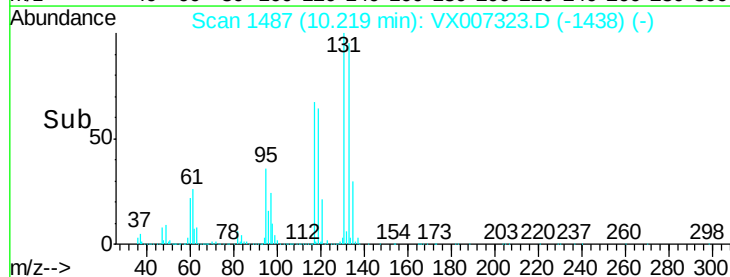
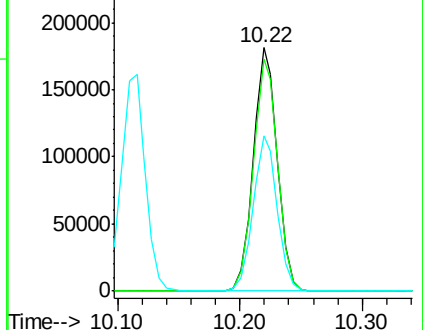
119 64.1 32.6 97.8

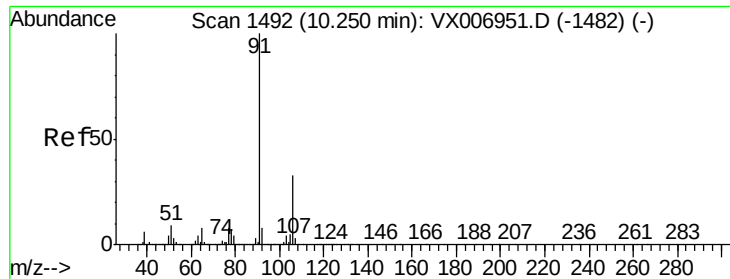


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





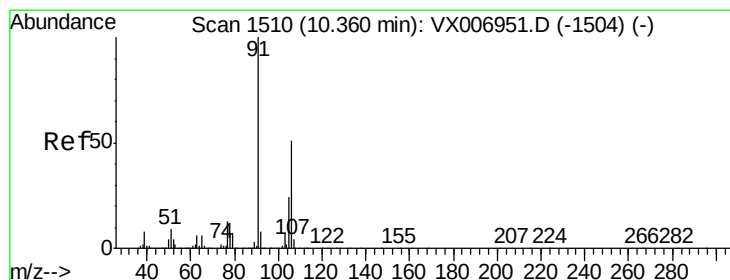
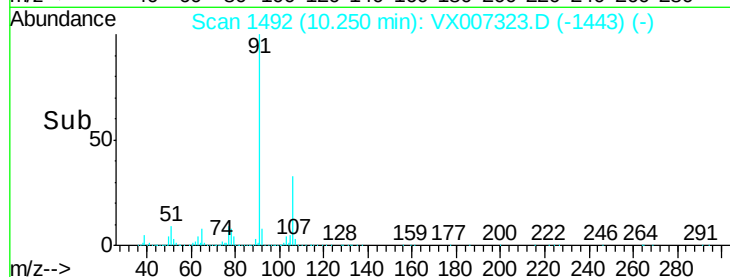
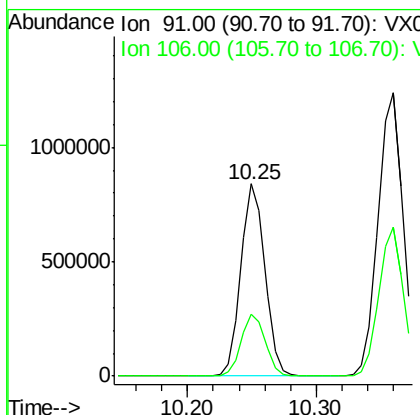
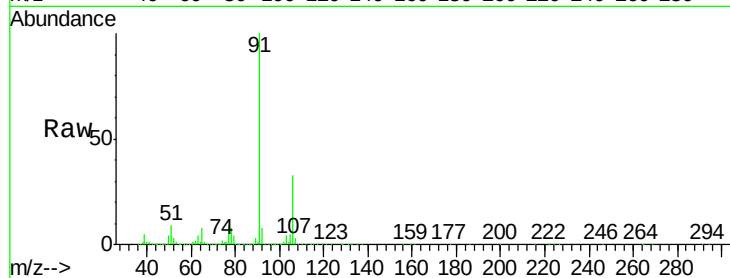
#67
Ethyl Benzene
Concen: 43.714 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1086320
Ion Ratio Lower Upper
91 100
106 32.5 26.4 39.6

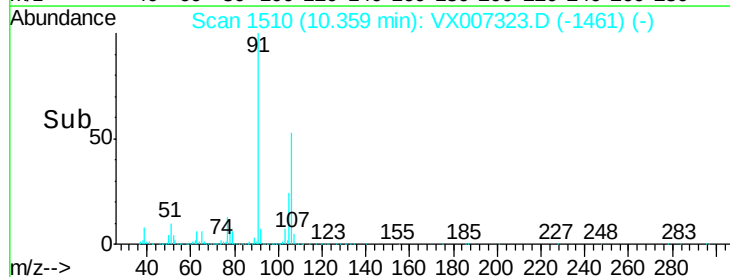
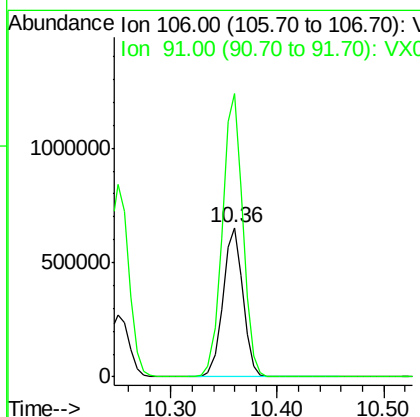
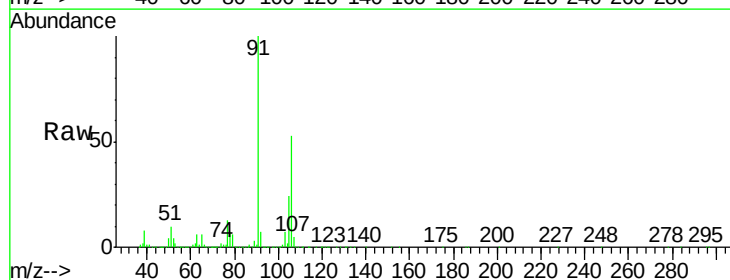
Manual Integrations
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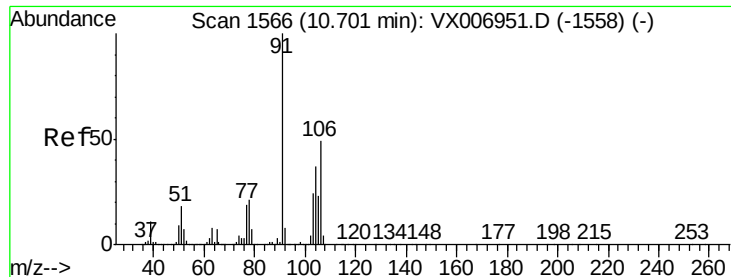
MMDadoda
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#68
m/p-Xylenes
Concen: 87.297 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion: 106 Resp: 854706
Ion Ratio Lower Upper
106 100
91 193.9 155.8 233.6





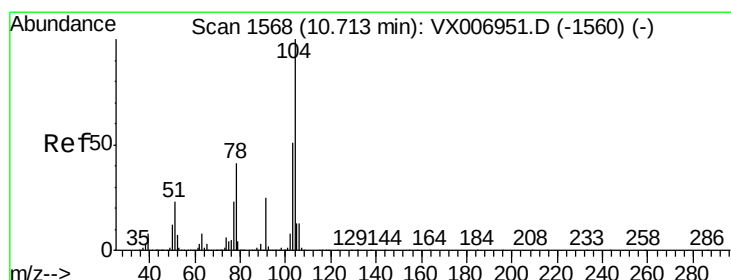
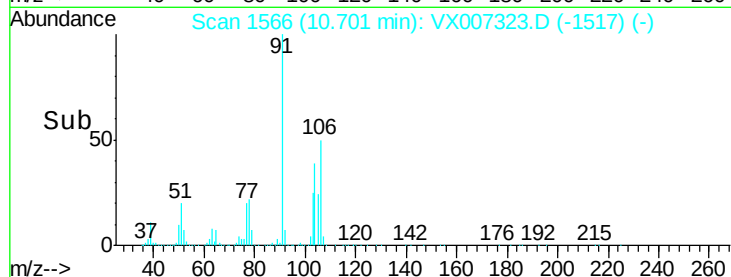
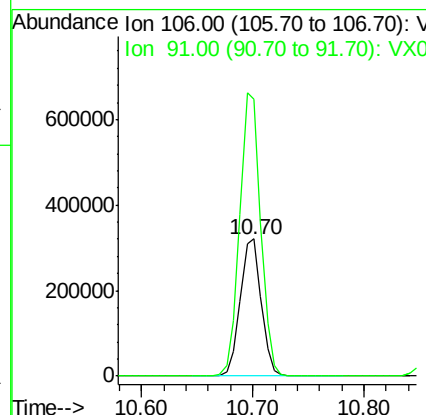
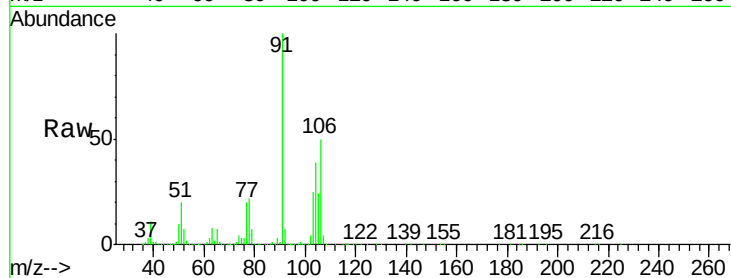
#69
o-Xylene
Concen: 43.830 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.0	101.3	303.7

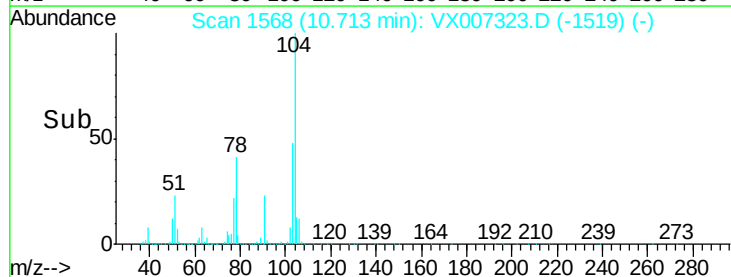
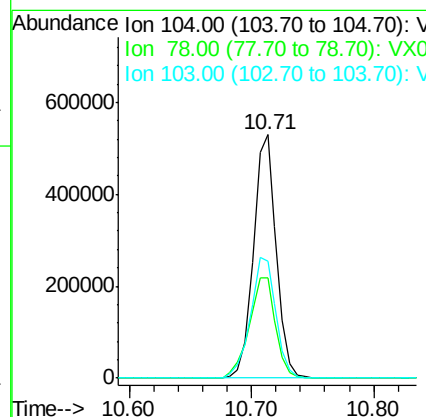
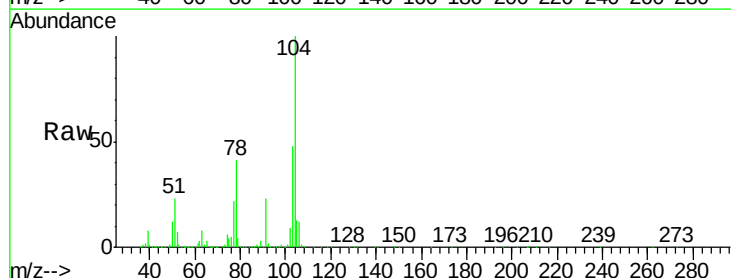
Manual Integrations
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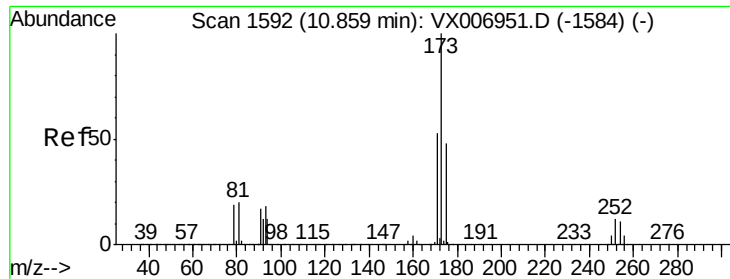
MMDadoda
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#70
Styrene
Concen: 45.357 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	37.7	56.5
103	55.1	43.8	65.8





#71

Bromoform

Concen: 42.930 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 191148

Ion Ratio Lower Upper

173 100

175 49.0 24.7 74.1

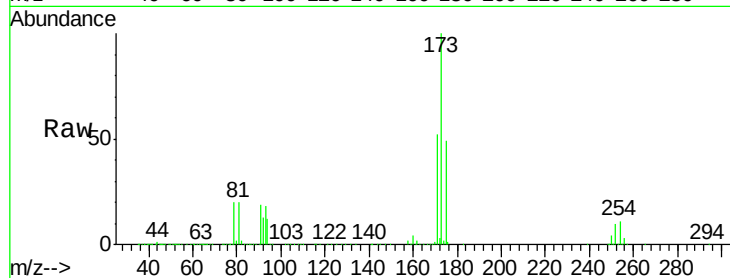
254 0.2 0.2 0.2

Manual Integrations

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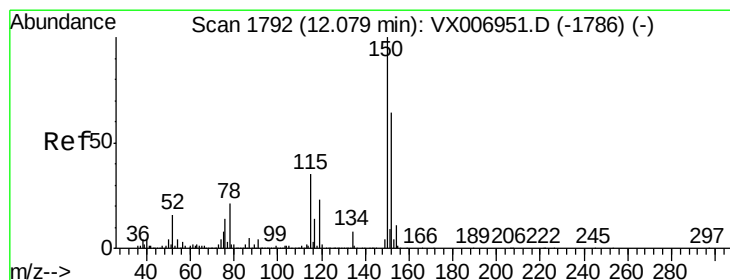
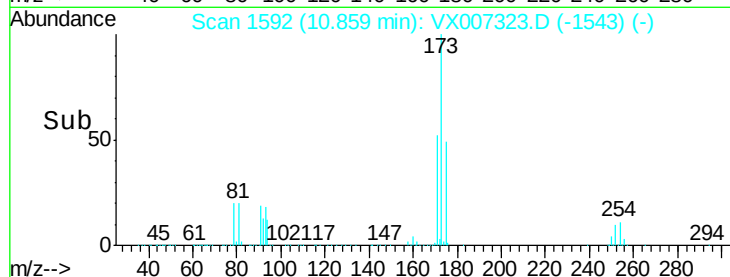
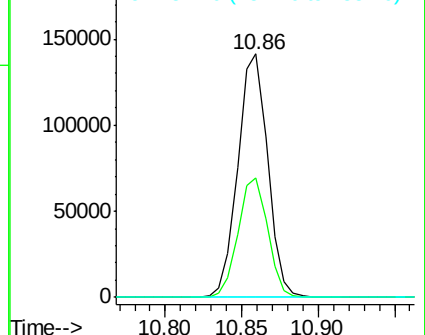
2/1/2019 10:44:31 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

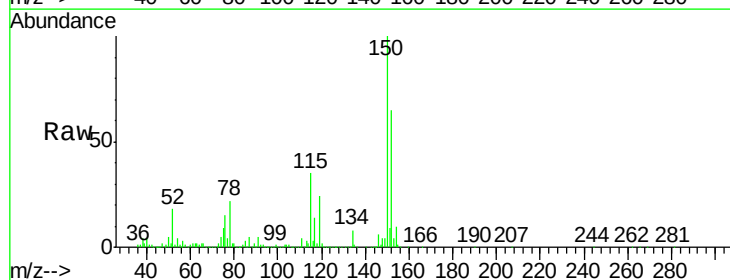
Tgt Ion:152 Resp: 360239

Ion Ratio Lower Upper

152 100

115 73.8 39.1 117.2

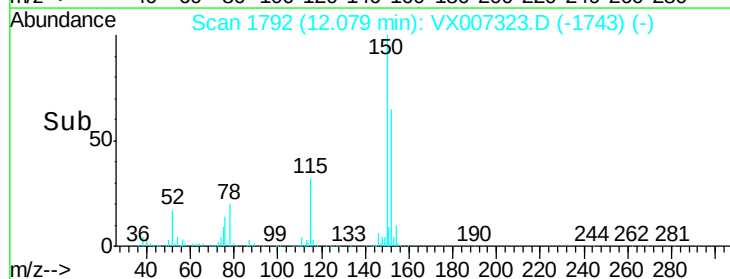
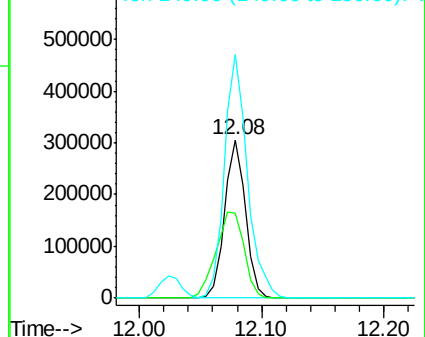
150 170.2 0.0 344.8

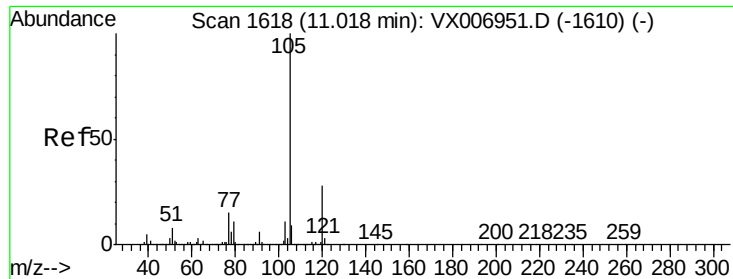


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.240 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1123787

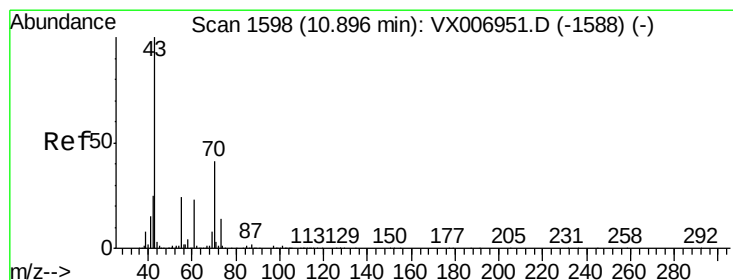
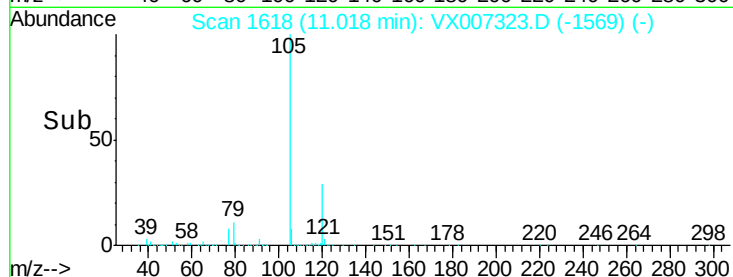
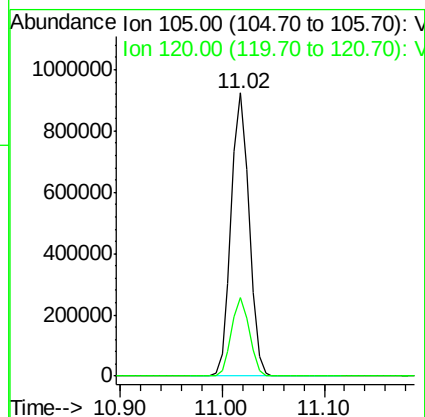
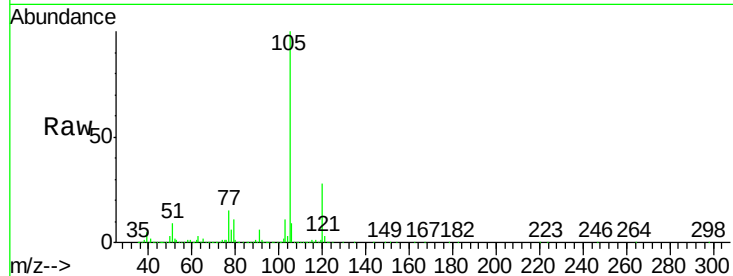
Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4

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#74

N-ethyl acetate

Concen: 45.300 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion: 43 Resp: 463297

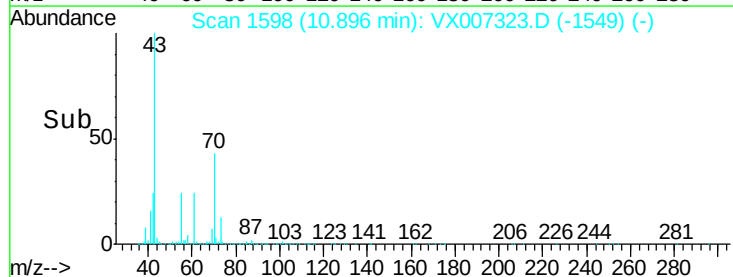
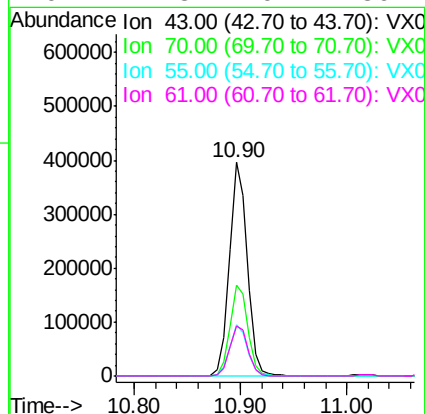
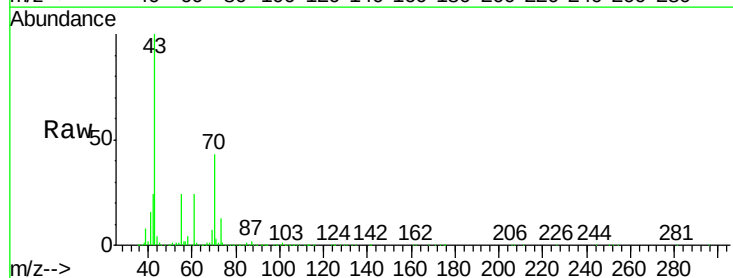
Ion Ratio Lower Upper

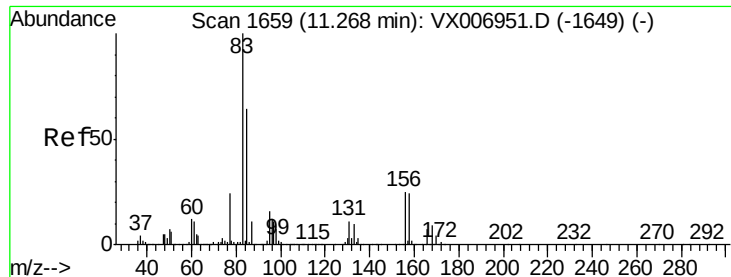
43 100

70 43.0 35.8 53.8

55 24.3 19.4 29.0

61 24.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.797 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 369318

Ion Ratio Lower Upper

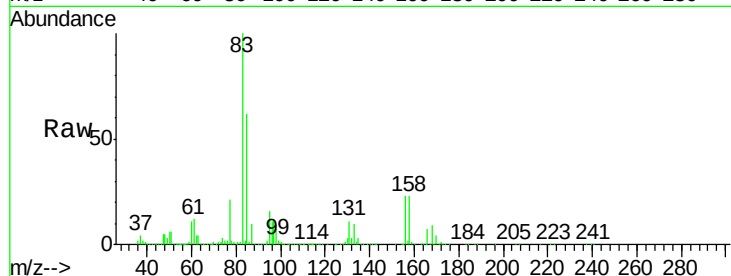
83 100

131 10.8 5.7 17.1

85 62.9 32.2 96.6

Manual Integrations
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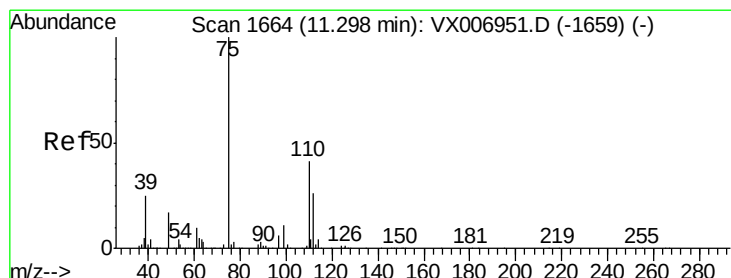
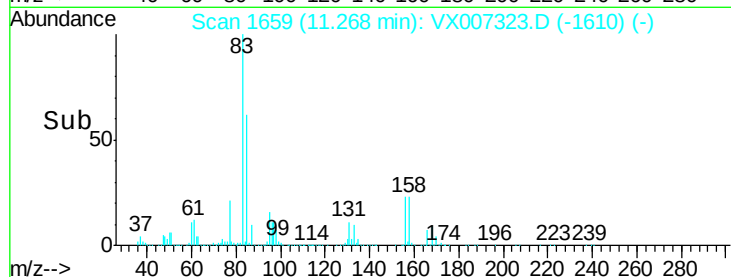
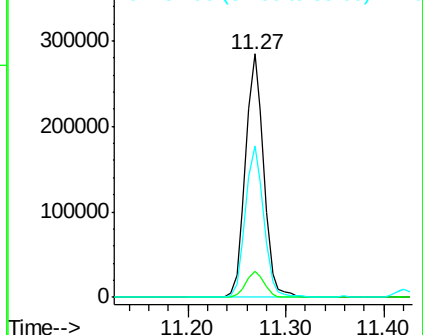
MMDadoda
2/1/2019 10:44:31 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.491 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007323.D

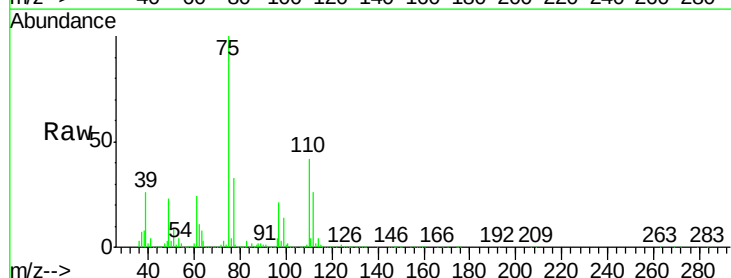
Acq: 30 Jan 2019 18:57

Tgt Ion: 75 Resp: 339387

Ion Ratio Lower Upper

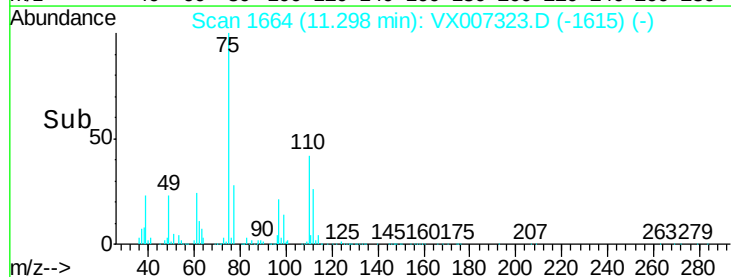
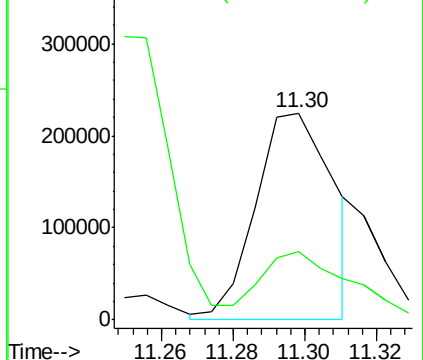
75 100

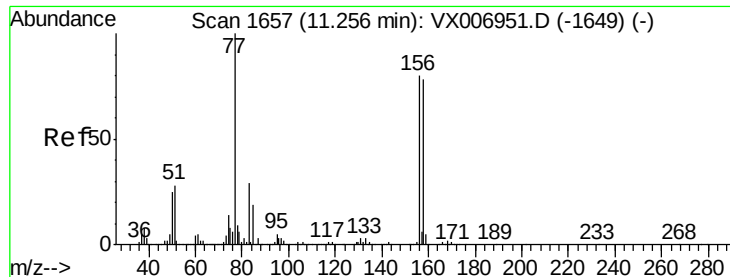
77 37.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.131 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 301879

Ion Ratio Lower Upper

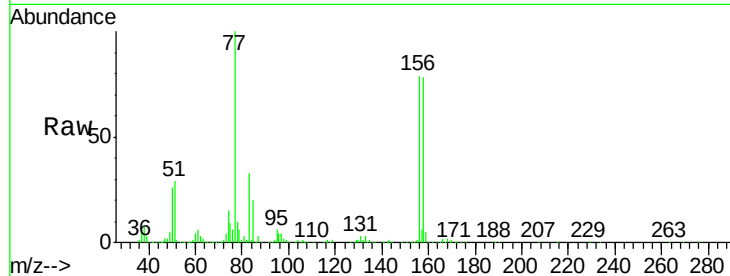
156 100

77 137.7 68.0 204.0

158 98.2 48.3 144.8

Manual Integrations
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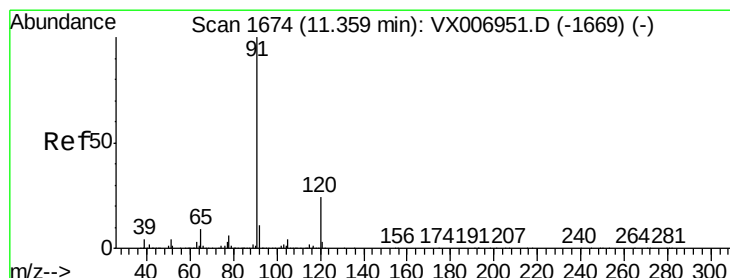
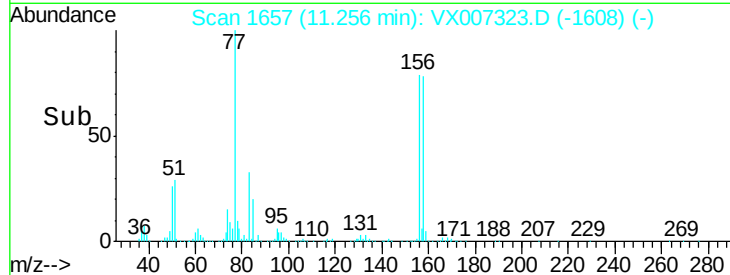
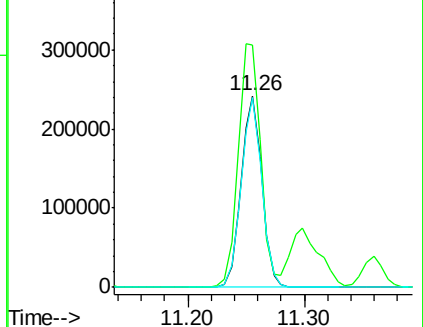
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.333 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007323.D

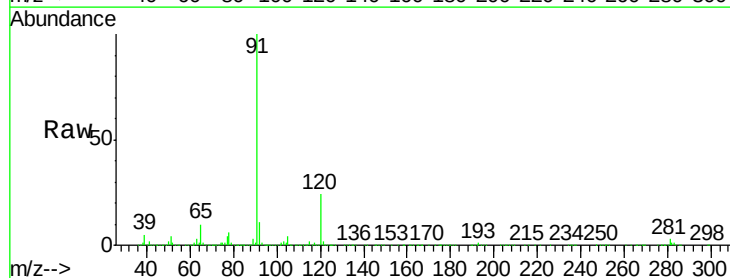
Acq: 30 Jan 2019 18:57

Tgt Ion: 91 Resp: 1236276

Ion Ratio Lower Upper

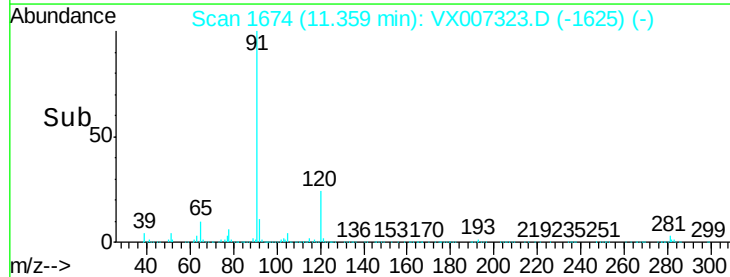
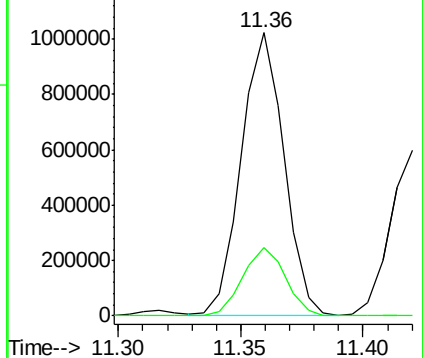
91 100

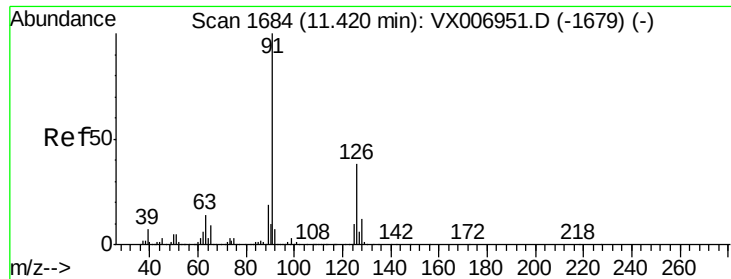
120 24.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.334 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 727414

Ion Ratio Lower Upper

91 100

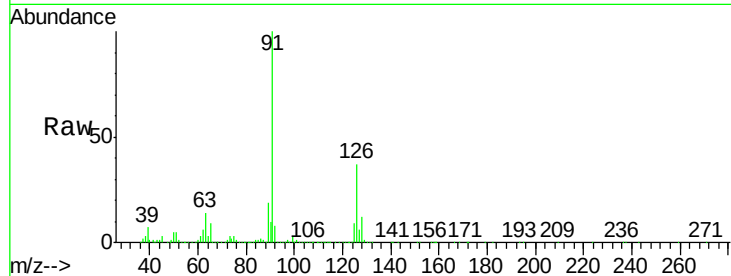
126 37.4 18.6 56.0

Manual Integrations

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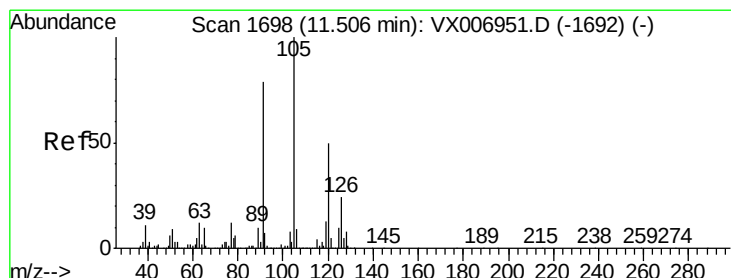
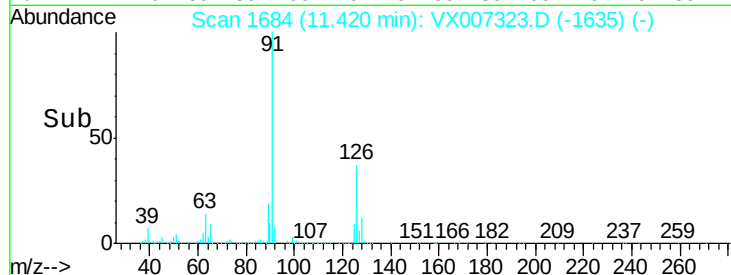
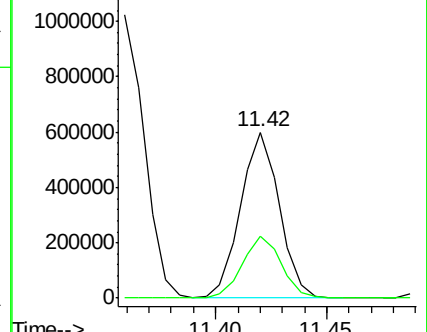
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 43.540 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007323.D

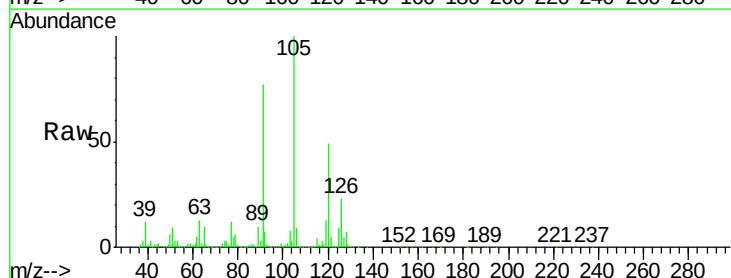
Acq: 30 Jan 2019 18:57

Tgt Ion:105 Resp: 924137

Ion Ratio Lower Upper

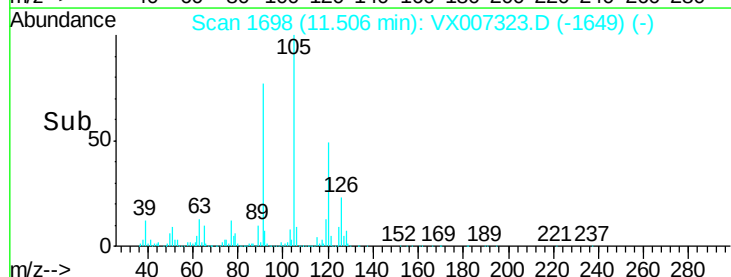
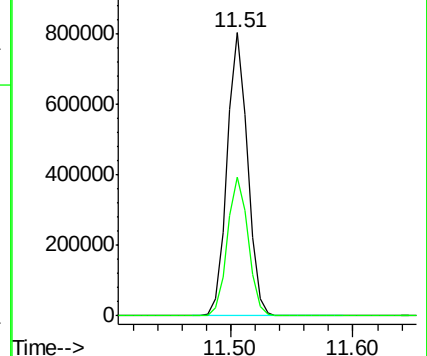
105 100

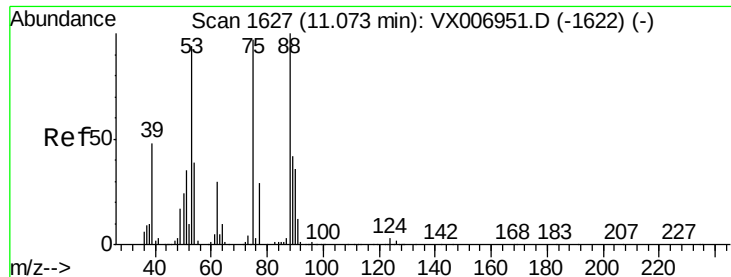
120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 42.012 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

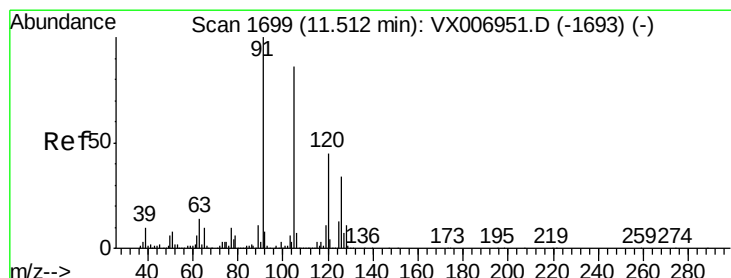
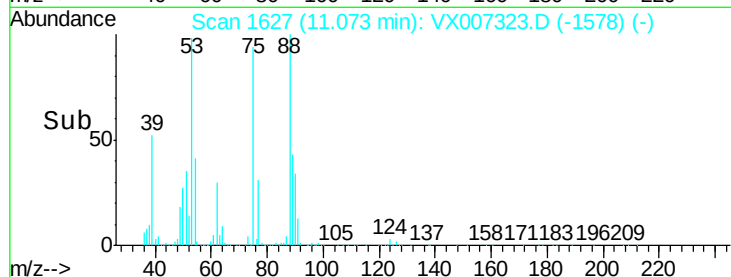
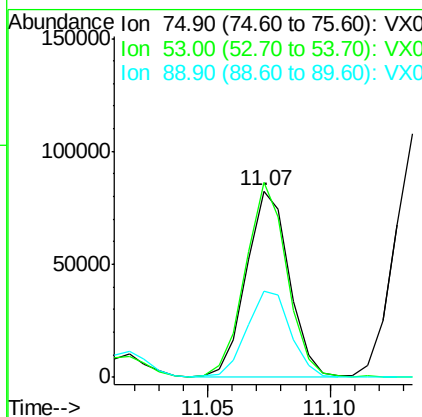
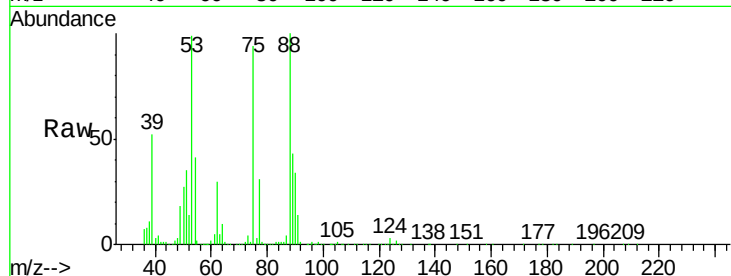
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	100044
Ion Ratio	Lower	Upper	
75	100		
53	102.2	79.7	119.5
89	48.0	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 43.903 ug/l

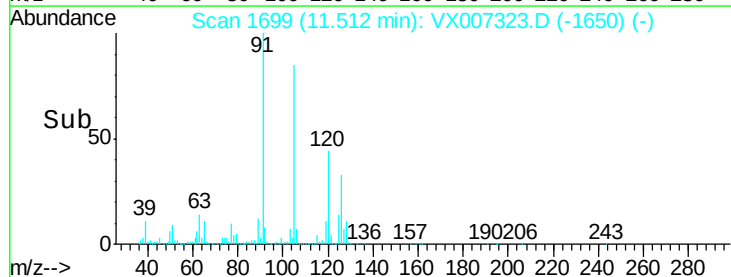
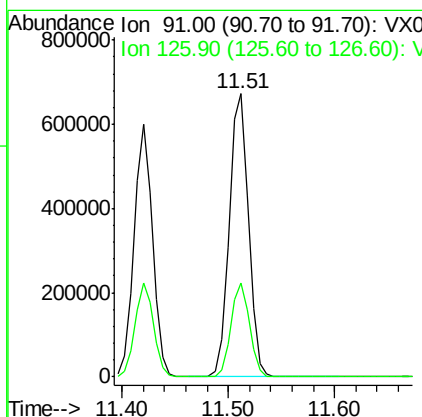
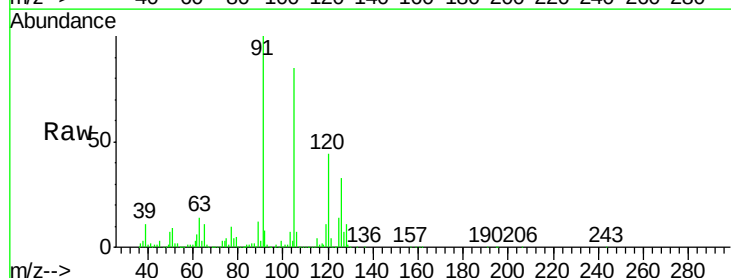
RT: 11.51 min Scan# 1699

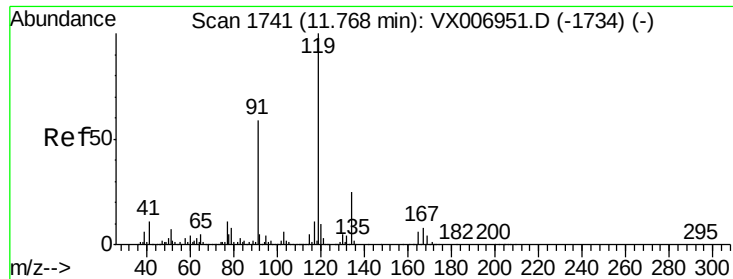
Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	91	Resp:	853280
Ion Ratio	Lower	Upper	
91	100		
126	32.2	16.3	48.9





#83

tert-Butylbenzene

Concen: 44.895 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

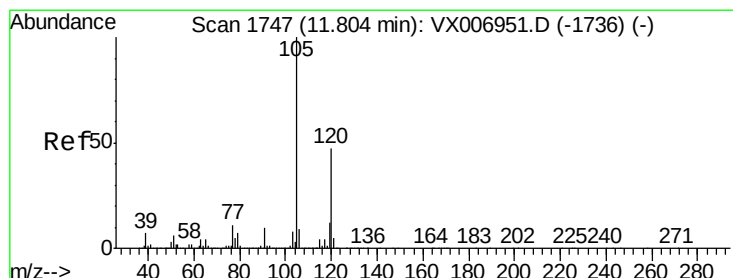
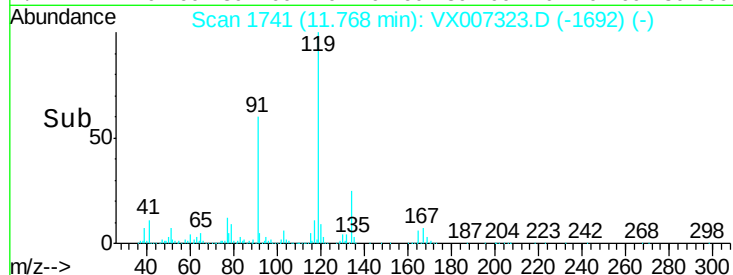
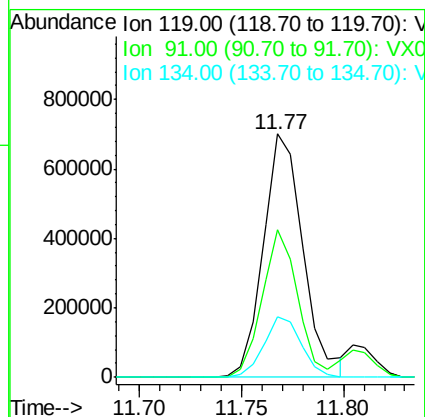
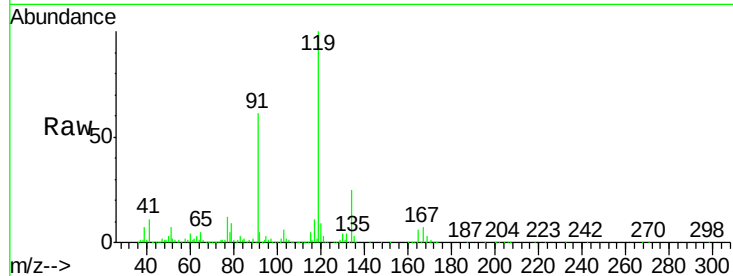
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	950747
Ion Ratio	Lower	Upper	
119	100		
91	54.4	27.7	83.1
134	23.5	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 44.026 ug/l

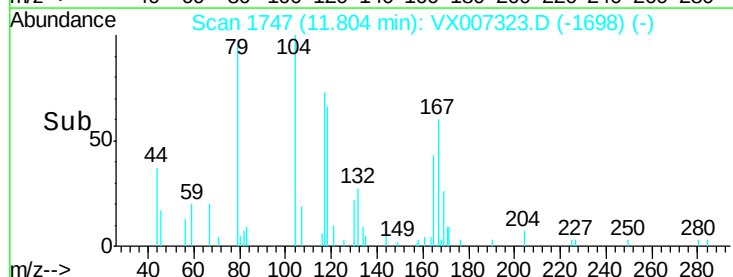
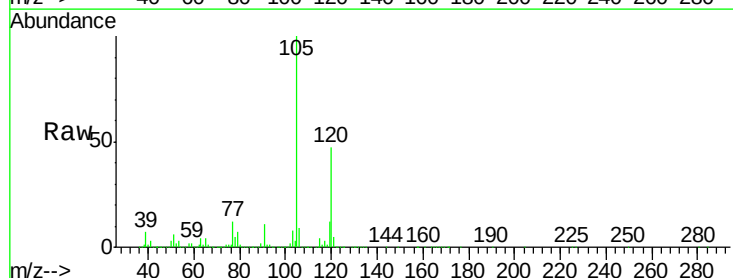
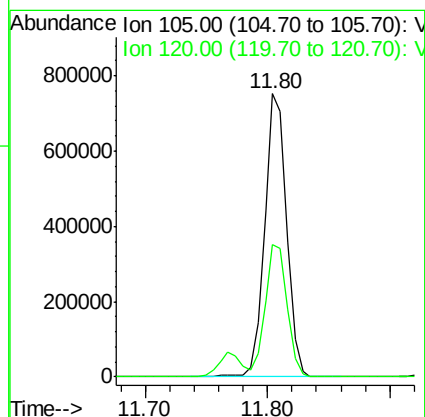
RT: 11.80 min Scan# 1747

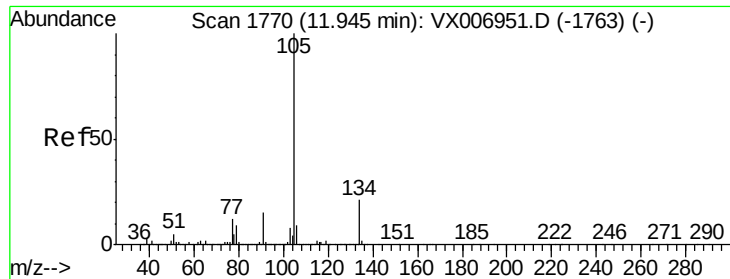
Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	105	Resp:	939680
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.2	69.6





#85

sec-Butylbenzene

Concen: 44.696 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1130405

Ion Ratio Lower Upper

105 100

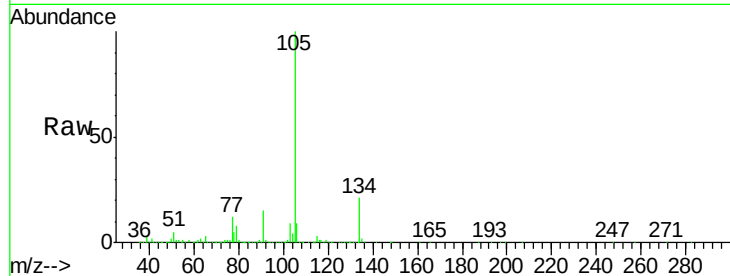
134 21.0 10.7 31.9

Manual Integrations

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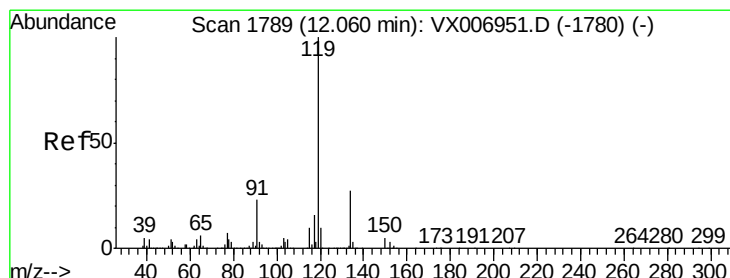
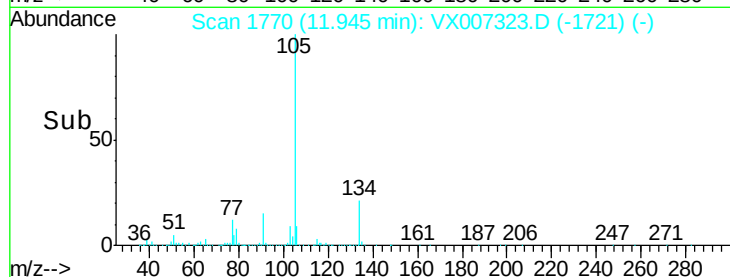
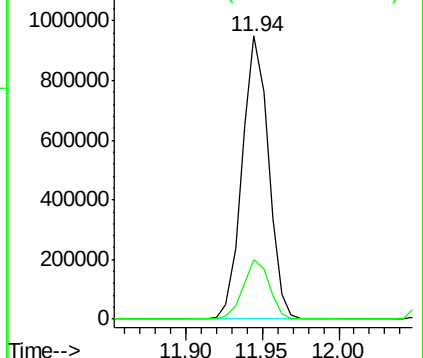
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.743 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

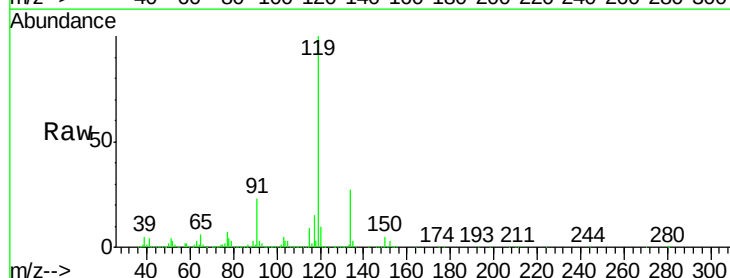
Tgt Ion:119 Resp: 1012175

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

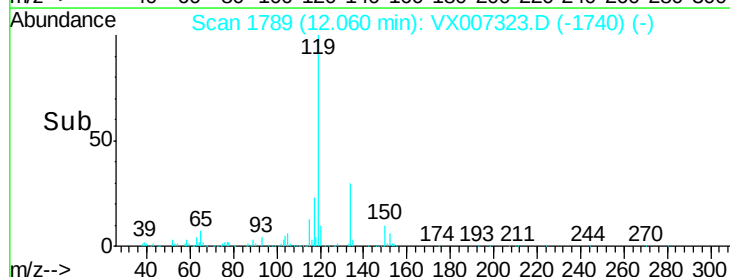
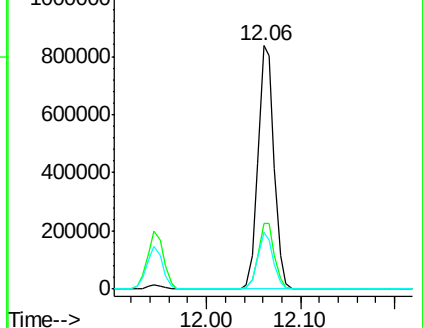
91 22.5 11.3 33.9

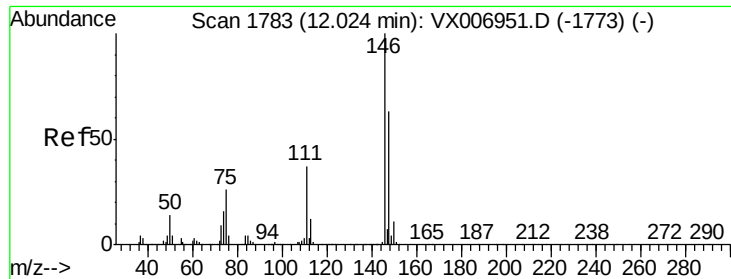


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





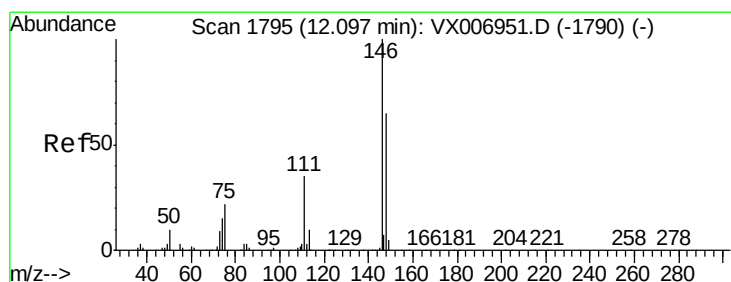
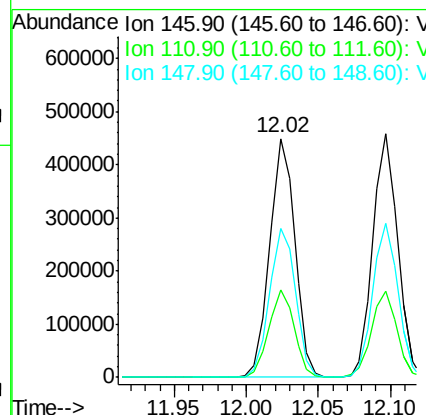
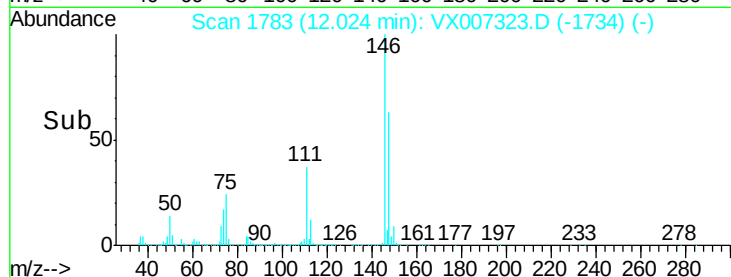
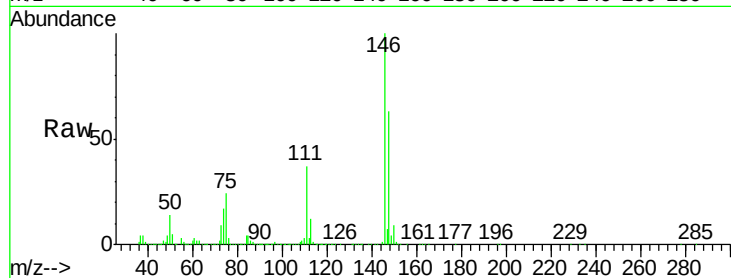
#87
 1,3-Dichlorobenzene
 Concen: 43.029 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	64.3	31.8	95.3

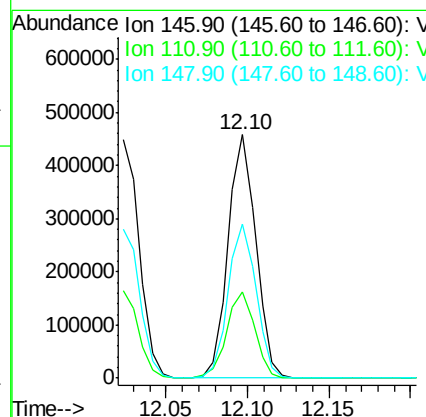
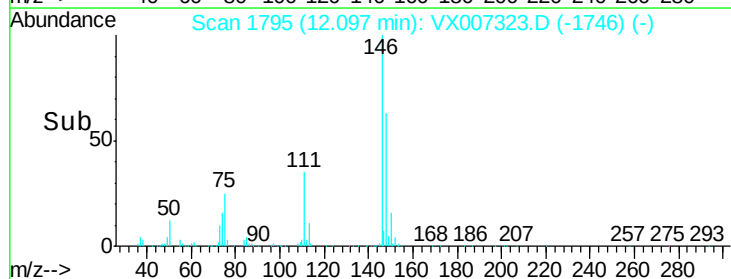
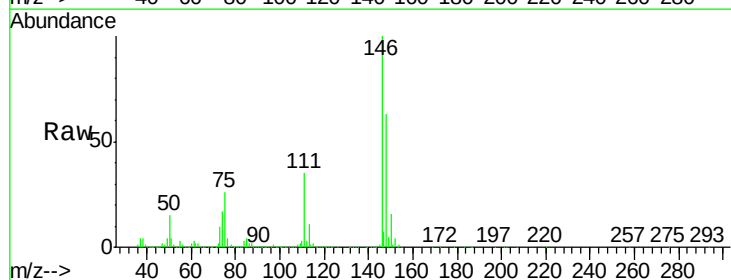
Manual Integrations
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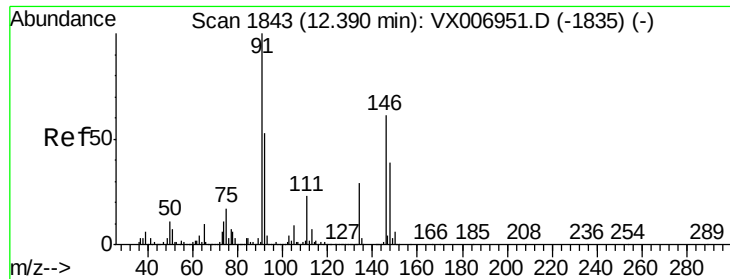
MMDadoda
 2/1/2019 10:44:31 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.388 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.0	31.9	95.9





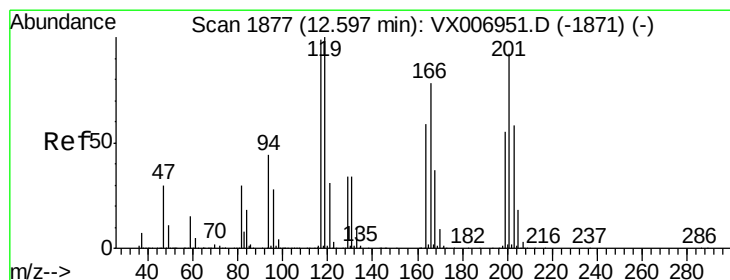
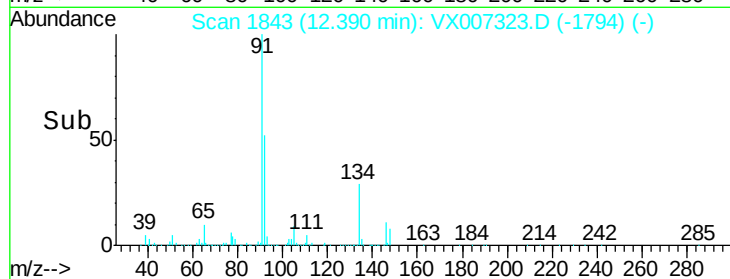
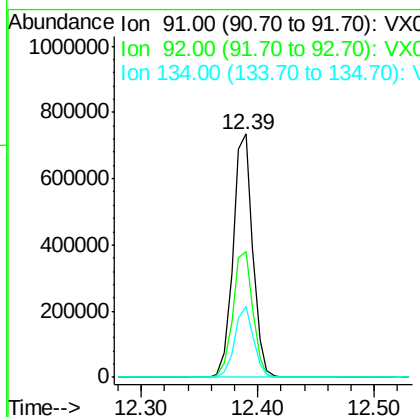
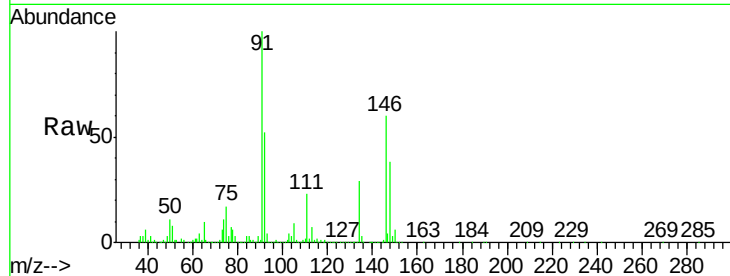
#89
n-Butylbenzene
Concen: 44.741 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.4
134	28.2	14.4	43.2

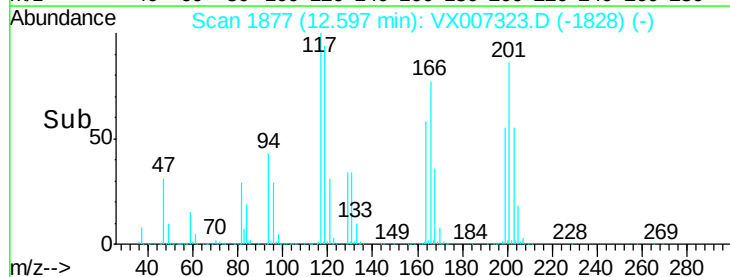
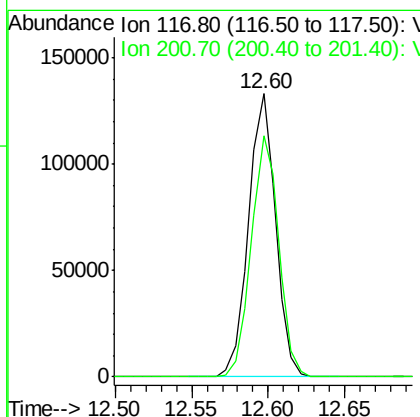
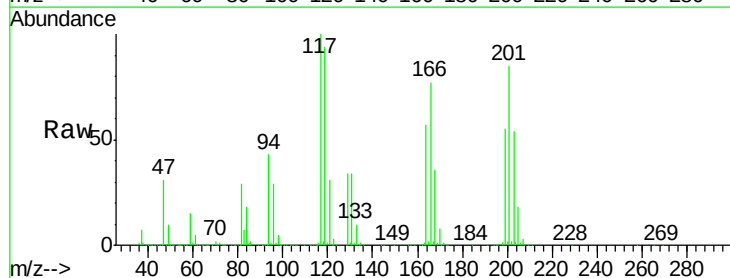
Manual Integrations
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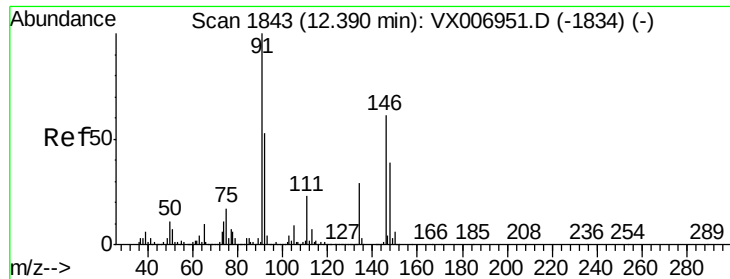
MMDadoda
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#90
Hexachloroethane
Concen: 45.406 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	42.9	128.7





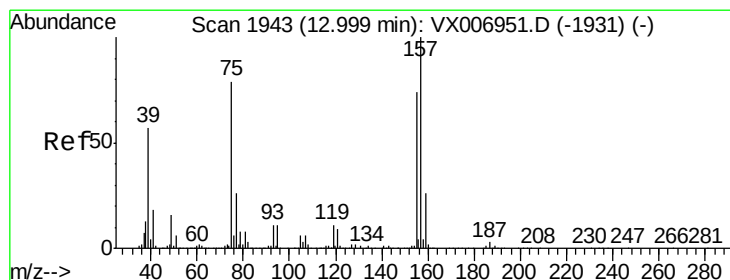
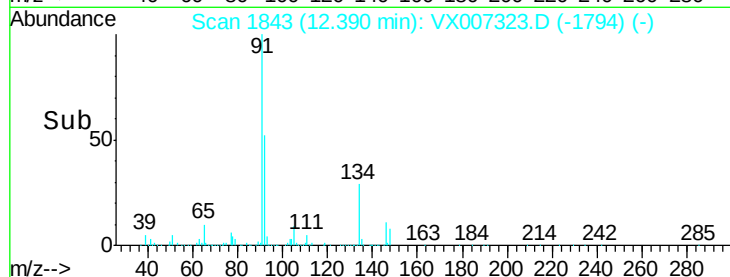
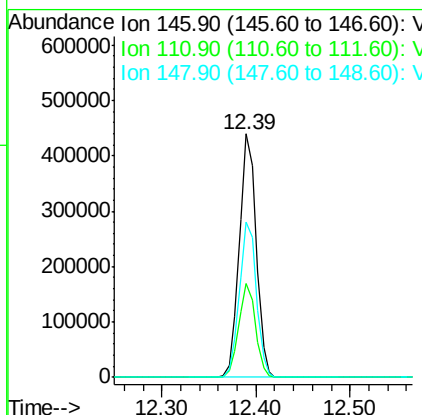
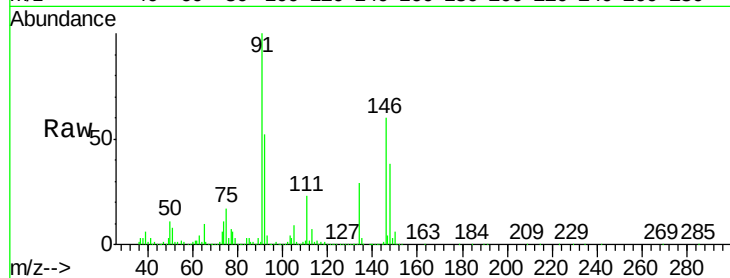
#91
 1,2-Dichlorobenzene
 Concen: 43.818 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	64.5	32.3	96.9

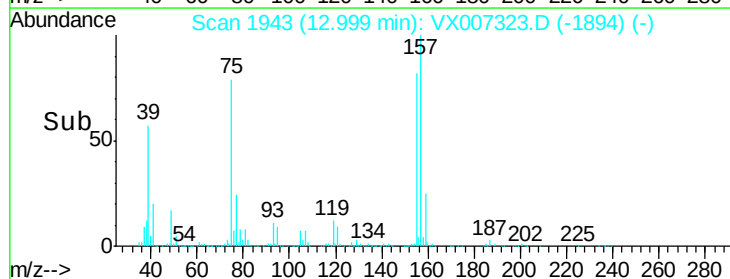
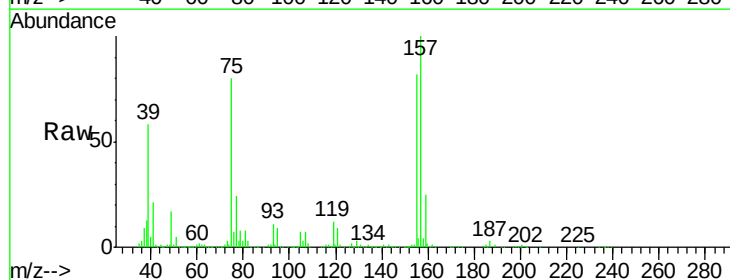
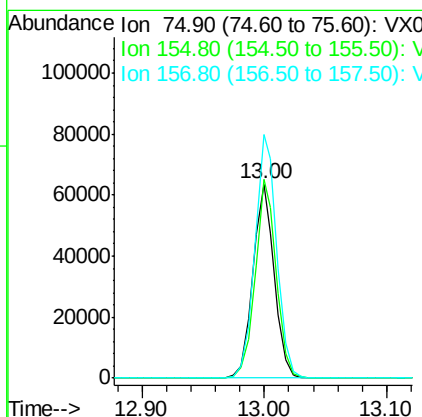
Manual Integrations
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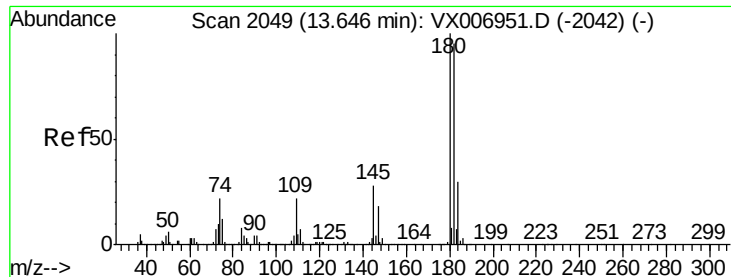
MMDadoda
 2/1/2019 10:44:31 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.565 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.8	50.6	151.8
157	128.4	64.6	193.8





#93

1,2,4-Trichlorobenzene

Concen: 44.457 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

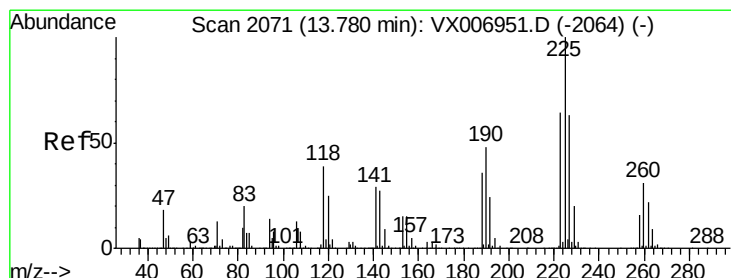
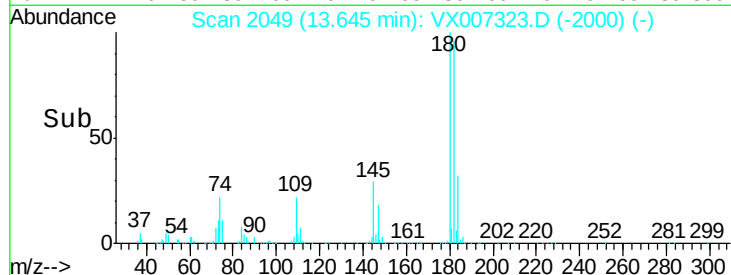
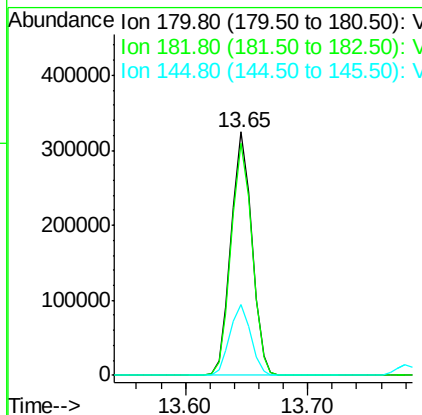
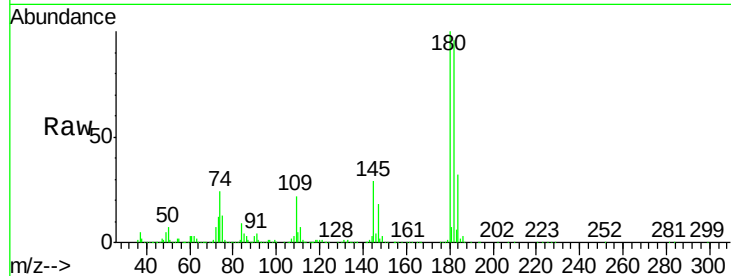
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	380788
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.3	142.0
145	29.1	14.8	44.3

Manual Integrations
APPROVED

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2/1/2019 10:44:31 AM



#94

Hexachlorobutadiene

Concen: 47.532 ug/l

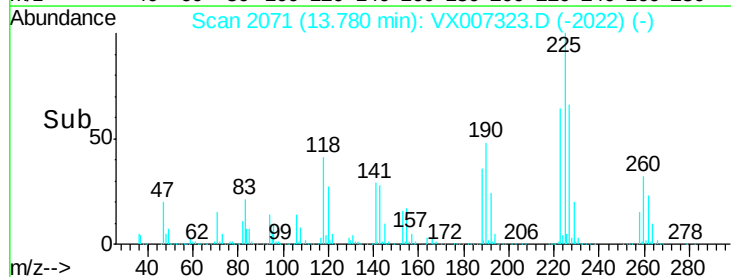
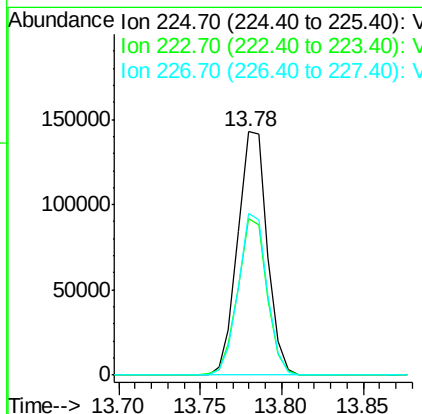
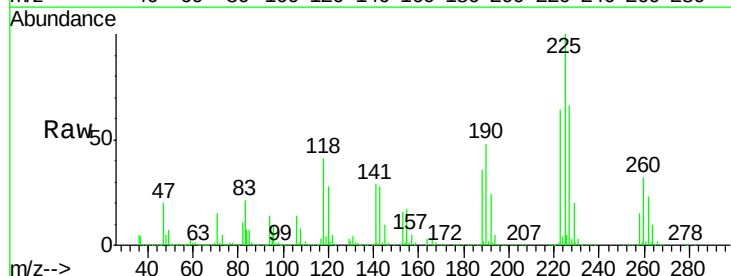
RT: 13.78 min Scan# 2071

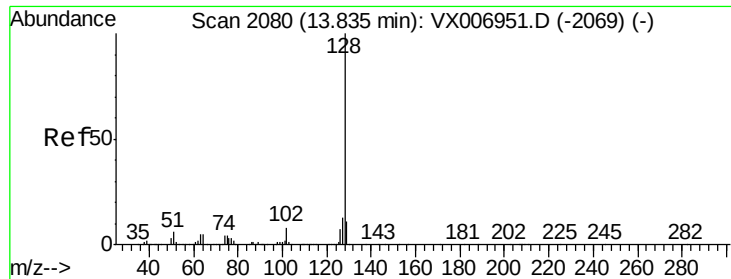
Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion:	225	Resp:	180670
Ion Ratio	Lower	Upper	
225	100		
223	63.3	32.1	96.3
227	64.8	32.3	96.8





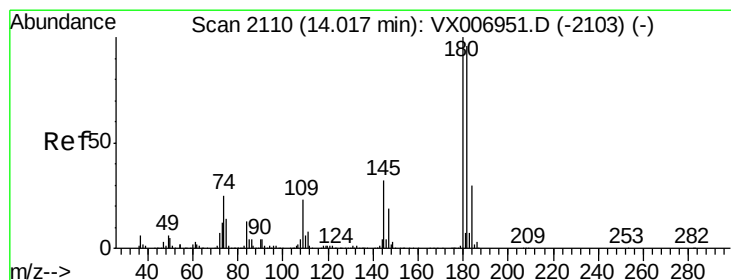
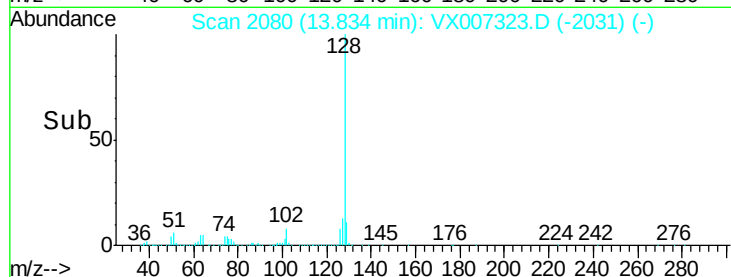
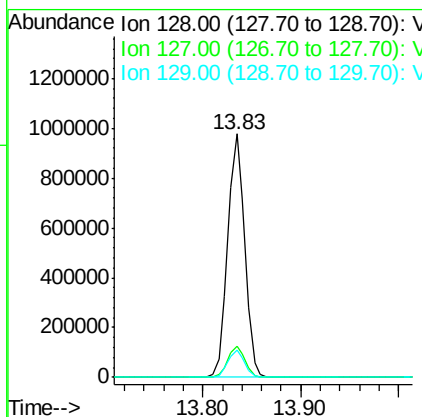
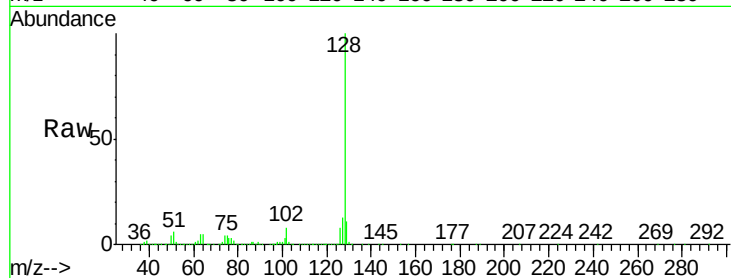
#95
Naphthalene
Concen: 45.492 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
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2/1/2019 10:44:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 45.153 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.5	145.5
145	29.8	16.0	47.9

