

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012020\
 Data File : VX014664.D
 Acq On : 20 Jan 2020 09:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 2:14:45 PM

Quant Time: Jan 21 00:36:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	683169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	617562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	255086	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	5.48	113	210133	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	8.71	98	805192	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	290749	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	282329	49.660	ug/l	100
3) Chloromethane	1.32	50	296550	50.803	ug/l	100
4) Vinyl Chloride	1.40	62	341776	52.544	ug/l	99
5) Bromomethane	1.63	94	214334	49.711	ug/l	98
6) Chloroethane	1.71	64	181511	51.242	ug/l	96
7) Trichlorofluoromethane	1.92	101	372741	50.517	ug/l	99
8) Diethyl Ether	2.18	74	164036	48.729	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	227663	50.716	ug/l	98
10) Methyl Iodide	2.50	142	294629	54.812	ug/l	100
11) Tert butyl alcohol	3.03	59	255109	239.001	ug/l	99
12) 1,1-Dichloroethene	2.36	96	221554	48.986	ug/l	98
13) Acrolein	2.28	56	256321	299.599	ug/l	100
14) Allyl chloride	2.72	41	411806	51.861	ug/l	99
15) Acrylonitrile	3.12	53	668991	259.682	ug/l	99
16) Acetone	2.43	43	701363	274.029	ug/l	98
17) Carbon Disulfide	2.56	76	583759	46.258	ug/l	98
18) Methyl Acetate	2.76	43	409815	55.776	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	769196	52.979	ug/l	99
20) Methylene Chloride	2.84	84	254273	49.443	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	238539	48.311	ug/l	99
22) Diisopropyl ether	3.84	45	845153	55.075	ug/l	97
23) Vinyl Acetate	3.80	43	3308005	278.436	ug/l	100
24) 1,1-Dichloroethane	3.69	63	444336	53.228	ug/l	100
25) 2-Butanone	4.65	43	1028516	269.343	ug/l	100
26) 2,2-Dichloropropane	4.57	77	369280	52.221	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	276116	50.024	ug/l	98
28) Bromochloromethane	5.00	49	178631	50.783	ug/l	93
29) Tetrahydrofuran	5.11	42	597775	264.770	ug/l	98
30) Chloroform	5.20	83	430060	52.721	ug/l	95
31) Cyclohexane	5.57	56	416597	53.316	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	370852	53.112	ug/l	99
36) 1,1-Dichloropropene	5.79	75	331687	51.628	ug/l	98
37) Ethyl Acetate	4.81	43	369628	52.967	ug/l	99
38) Carbon Tetrachloride	5.77	117	316026	53.454	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	425299	52.692	ug/l	98
40) Benzene	6.13	78	1001928	52.545	ug/l	99
41) Methacrylonitrile	5.02	41	206803	55.571	ug/l	97
42) 1,2-Dichloroethane	6.18	62	346876	52.029	ug/l	99
43) Isopropyl Acetate	6.43	43	607770	53.913	ug/l	99
44) Trichloroethene	7.20	130	273681	49.944	ug/l	94
45) 1,2-Dichloropropane	7.50	63	265468	54.607	ug/l	100
46) Dibromomethane	7.65	93	169380	49.919	ug/l	98
47) Bromodichloromethane	7.89	83	343874	55.697	ug/l	98
48) Methyl methacrylate	7.76	41	304860	56.464	ug/l	98
49) 1,4-Dioxane	7.73	88	109198	954.492	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1894346	275.760	ug/l	98
52) Toluene	8.78	92	636103	52.113	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	383037	53.289	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	422698	54.438	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	258348	52.694	ug/l	99
56) Ethyl methacrylate	9.17	69	412113	54.866	ug/l	98
57) 1,3-Dichloropropane	9.36	76	437573	53.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	785221	307.256	ug/l	98
59) 2-Hexanone	9.48	43	1530437	281.565	ug/l	99
60) Dibromochloromethane	9.57	129	276963	56.203	ug/l	100
61) 1,2-Dibromoethane	9.67	107	266805	51.373	ug/l	99
64) Tetrachloroethene	9.33	164	287813	46.501	ug/l	99
65) Chlorobenzene	10.13	112	683330	50.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	254730	53.259	ug/l	99
67) Ethyl Benzene	10.25	91	1214379	53.162	ug/l	100
68) m/p-Xylenes	10.36	106	933542	105.931	ug/l	98
69) o-Xylene	10.70	106	445499	52.982	ug/l	100
70) Styrene	10.71	104	775436	53.438	ug/l	99
71) Bromoform	10.85	173	210712	53.847	ug/l	97
73) Isopropylbenzene	11.01	105	1200796	53.789	ug/l	99
74) N-amyl acetate	10.89	43	534771	54.297	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	387106	54.071	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	326653m	49.661	ug/l	
77) Bromobenzene	11.25	156	304713	49.219	ug/l	97
78) n-propylbenzene	11.35	91	1390552	54.389	ug/l	99
79) 2-Chlorotoluene	11.42	91	802342	52.656	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1012819	54.646	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	137896	55.426	ug/l	97
82) 4-Chlorotoluene	11.51	91	936901	52.382	ug/l	99
83) tert-Butylbenzene	11.76	119	960298	54.836	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1015776	54.238	ug/l	99
85) sec-Butylbenzene	11.94	105	1182107	54.299	ug/l	100
86) p-Isopropyltoluene	12.06	119	1098197	54.361	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	556584	50.095	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	560228	53.715	ug/l	99
89) n-Butylbenzene	12.39	91	989734	53.583	ug/l	99
90) Hexachloroethane	12.59	117	196661	55.420	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	556154	51.091	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82894	51.475	ug/l	97

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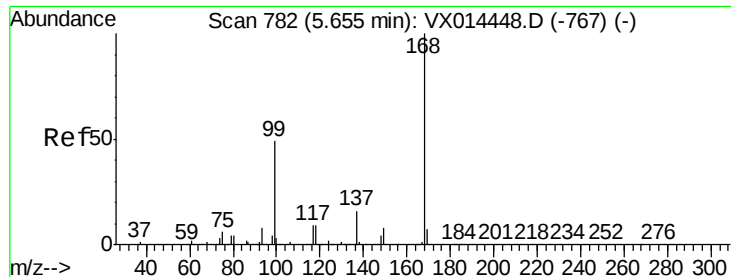
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	389313	50.960	ug/l	99
94) Hexachlorobutadiene	13.78	225	195490	54.628	ug/l	99
95) Naphthalene	13.83	128	1145757	48.317	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	383913	51.209	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 457934

Ion Ratio Lower Upper

168 100

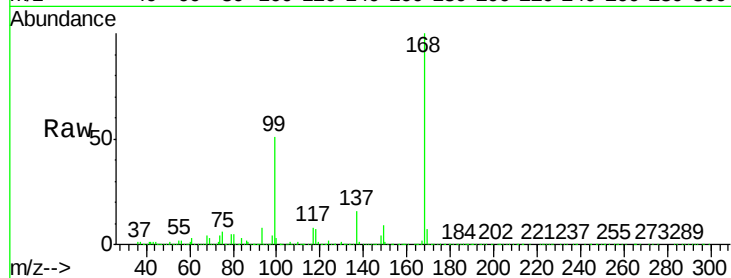
99 50.8 39.2 58.8

Manual Integrations

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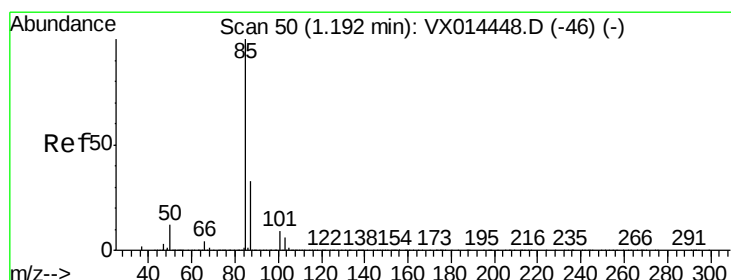
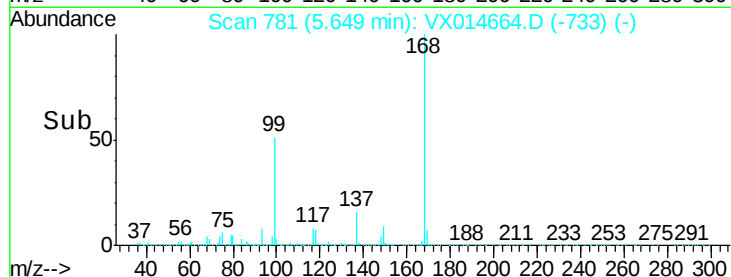
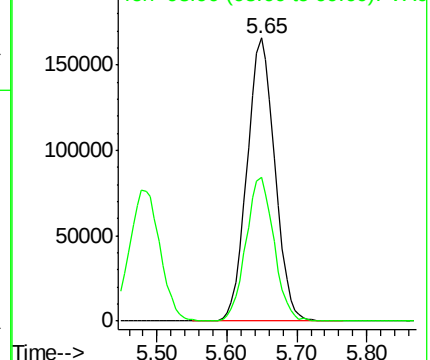
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.660 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014664.D

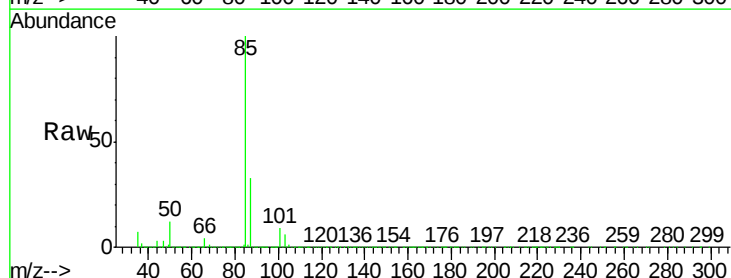
Acq: 20 Jan 2020 09:59

Tgt Ion: 85 Resp: 282329

Ion Ratio Lower Upper

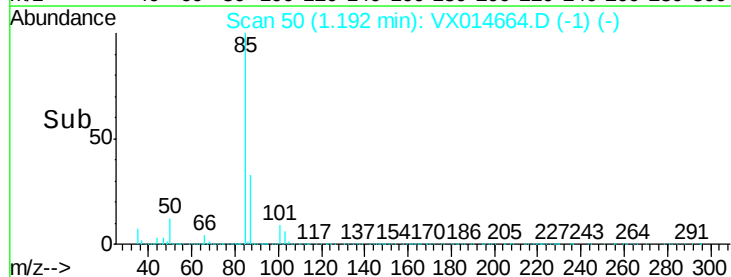
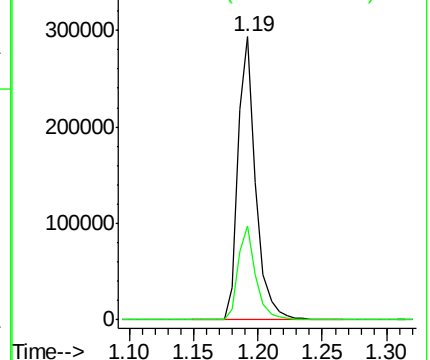
85 100

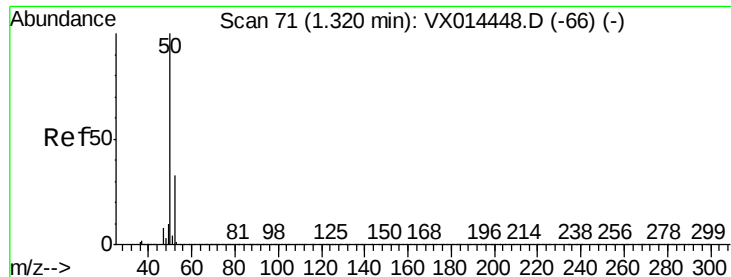
87 33.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.803 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 296550

Ion Ratio Lower Upper

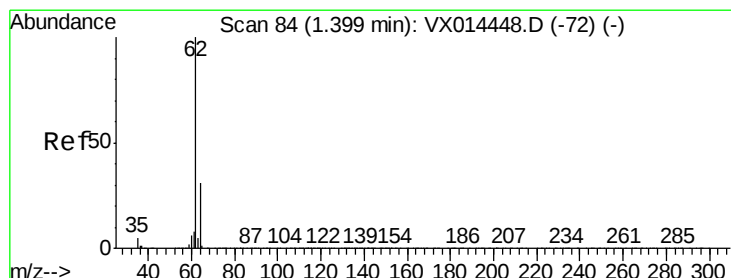
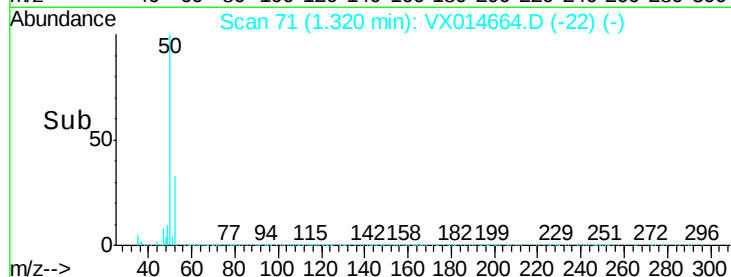
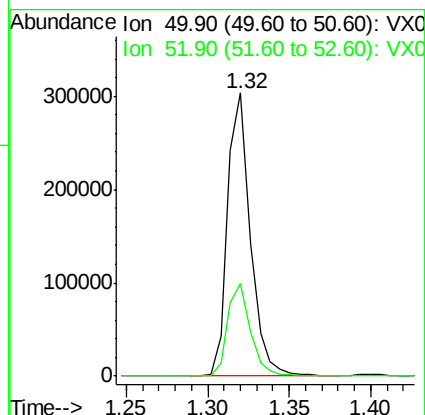
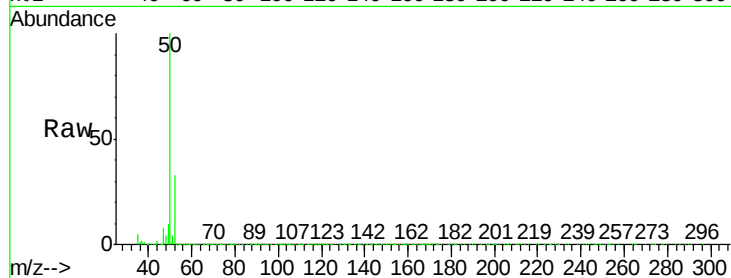
50 100

52 32.5 26.1 39.1

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#4

Vinyl Chloride

Concen: 52.544 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014664.D

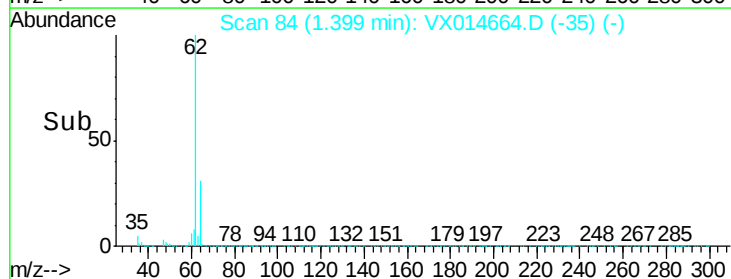
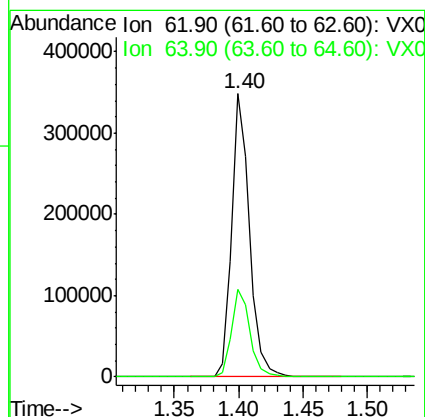
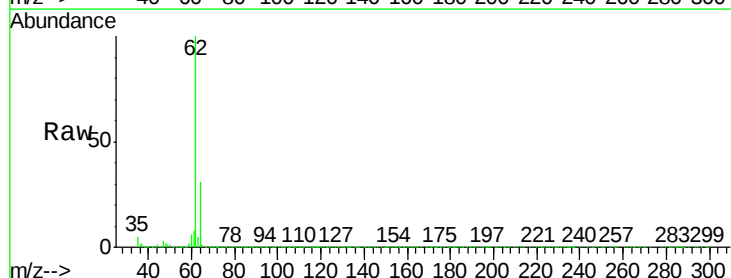
Acq: 20 Jan 2020 09:59

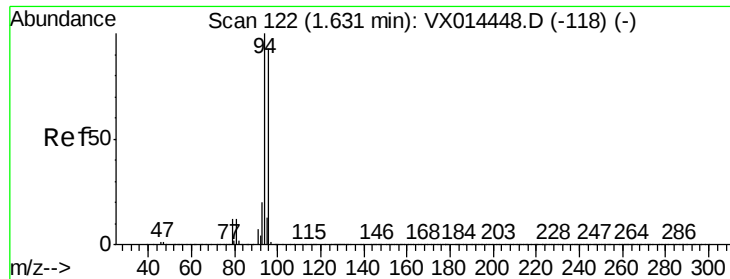
Tgt Ion: 62 Resp: 341776

Ion Ratio Lower Upper

62 100

64 31.1 24.6 37.0





#5

Bromomethane

Concen: 49.711 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 214334

Ion Ratio Lower Upper

94 100

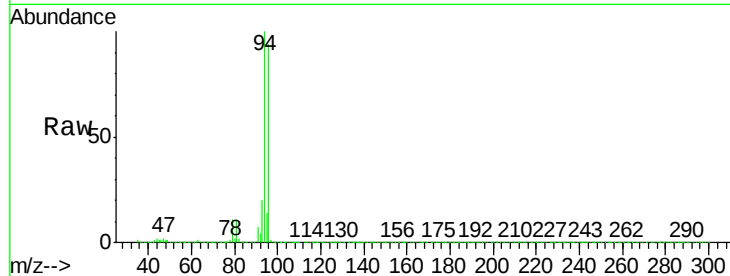
96 94.3 74.2 111.2

Manual Integrations

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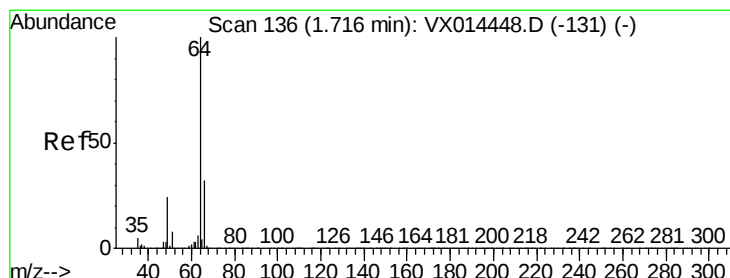
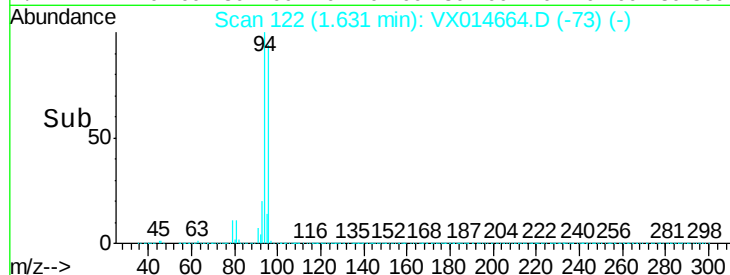
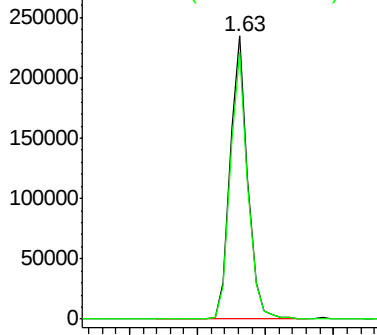
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.242 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX014664.D

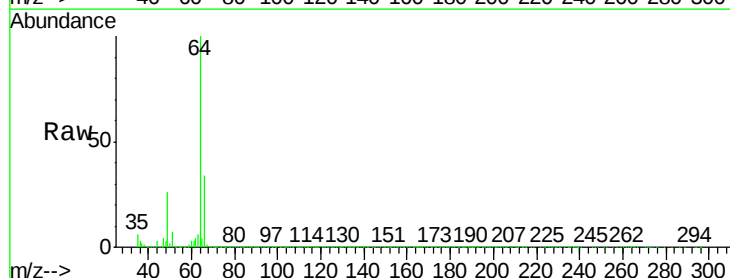
Acq: 20 Jan 2020 09:59

Tgt Ion: 64 Resp: 181511

Ion Ratio Lower Upper

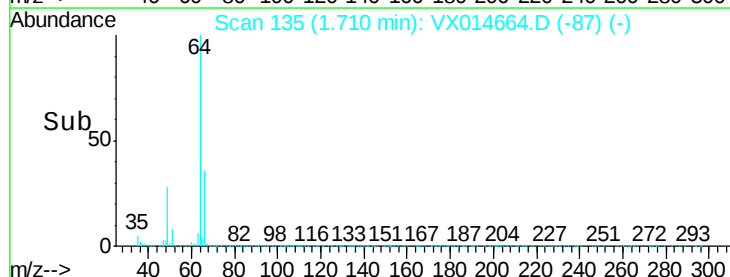
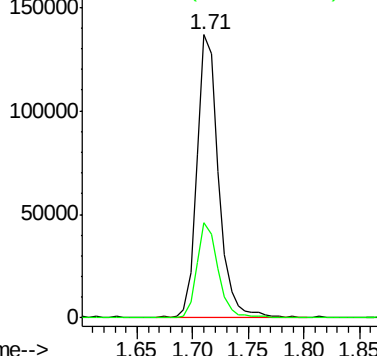
64 100

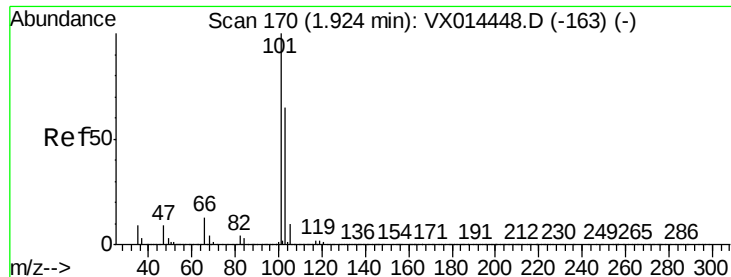
66 33.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

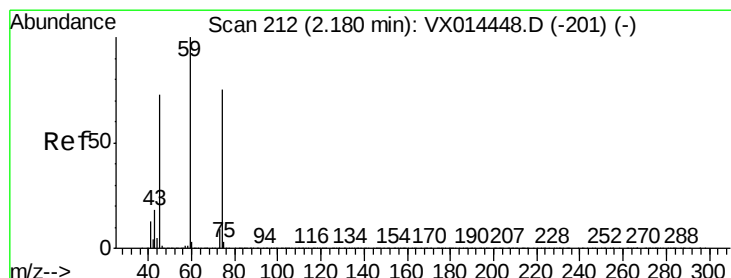
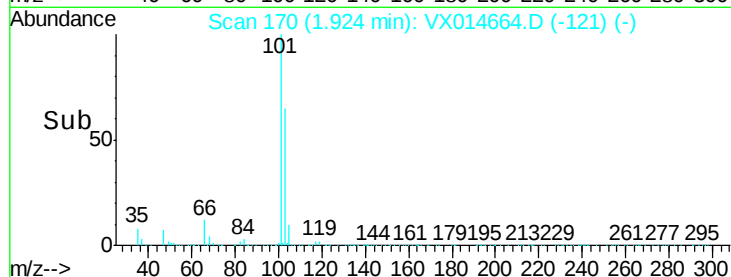
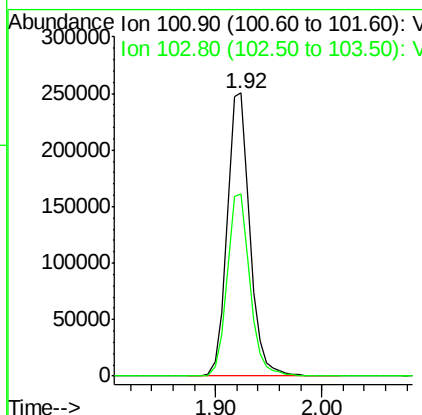
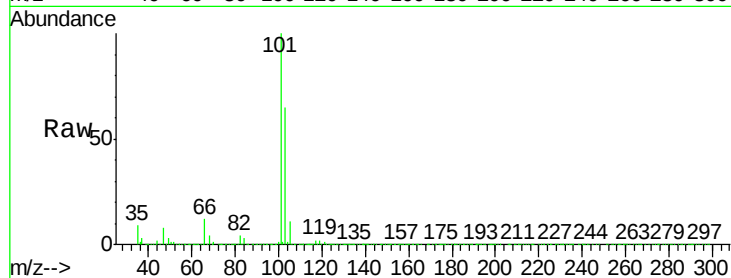
Trichlorofluoromethane
Concen: 50.517 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.2	78.4

Manual Integrations
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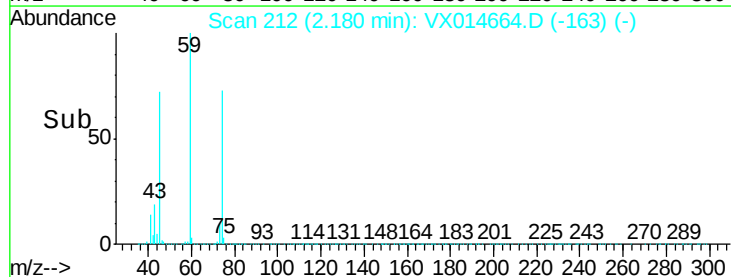
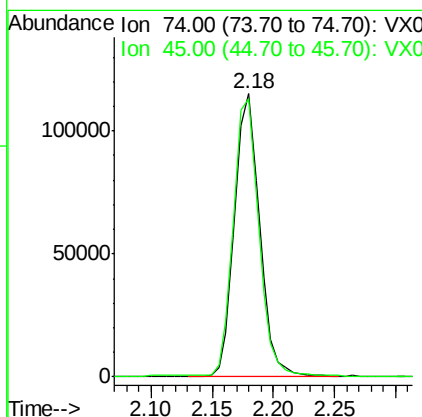
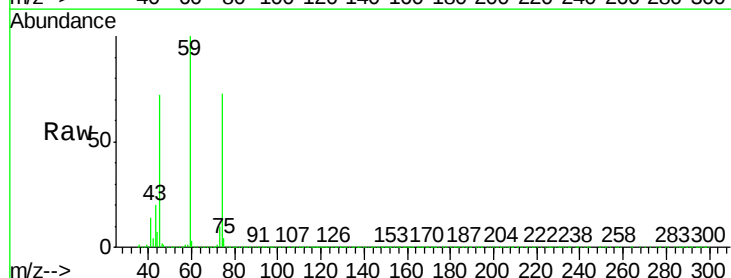
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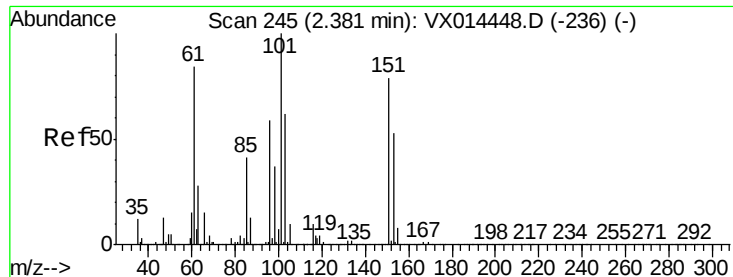


#8

Diethyl Ether
Concen: 48.729 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	48.7	146.1





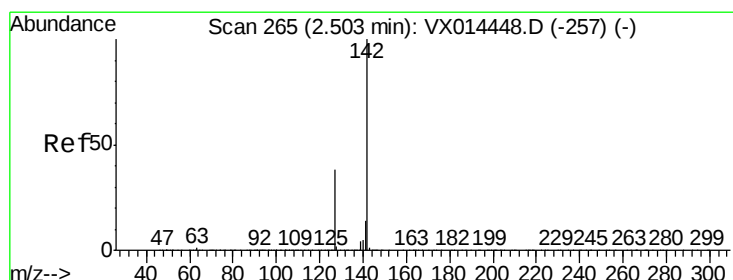
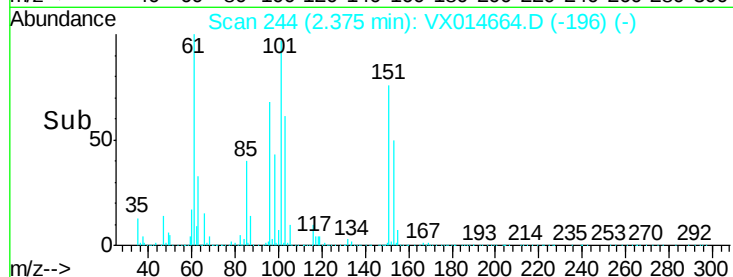
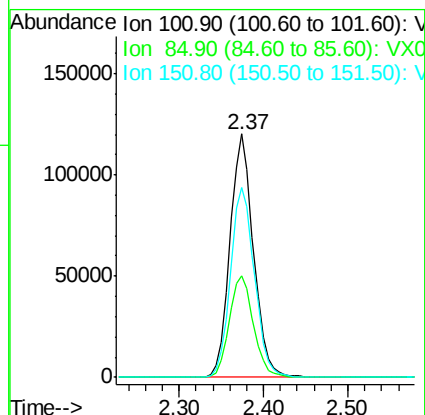
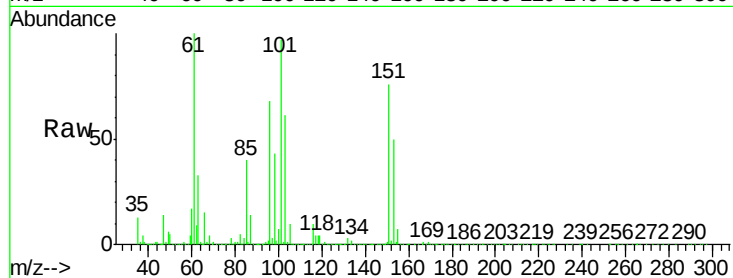
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.716 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	227663		
85	42.8	33.8	50.8	
151	79.9	65.3	97.9	

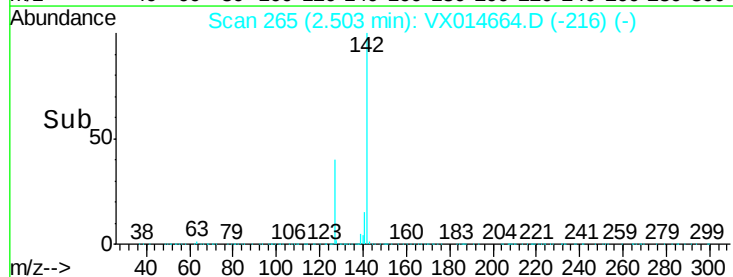
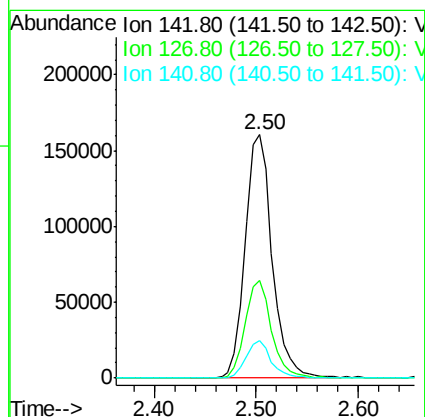
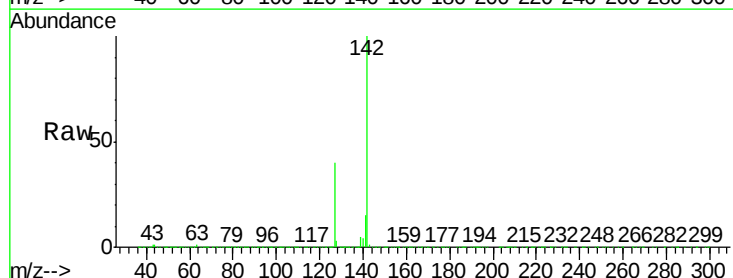
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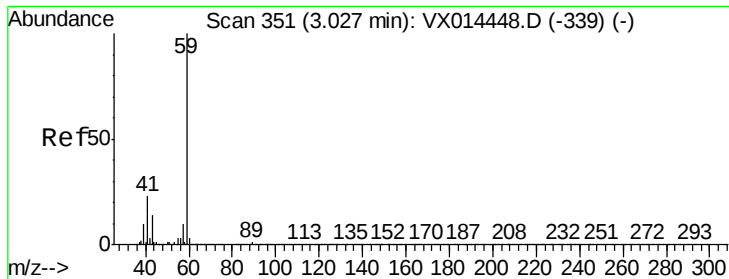
MMDadoda
1/21/2020 2:14:45 PM



#10
Methyl Iodide
Concen: 54.812 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	294629		
127	39.1	31.2	46.8	
141	14.6	11.4	17.2	





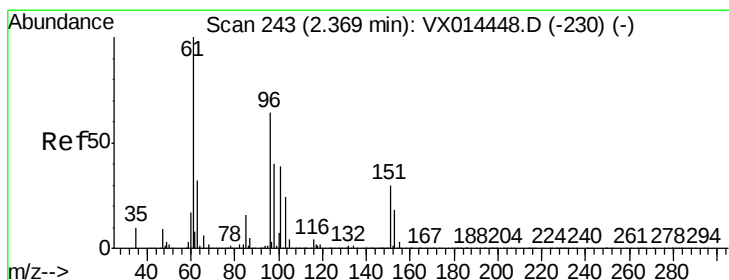
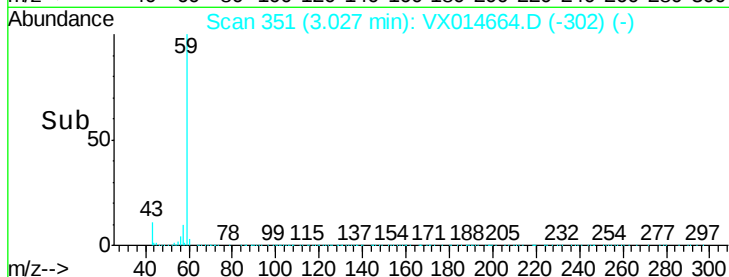
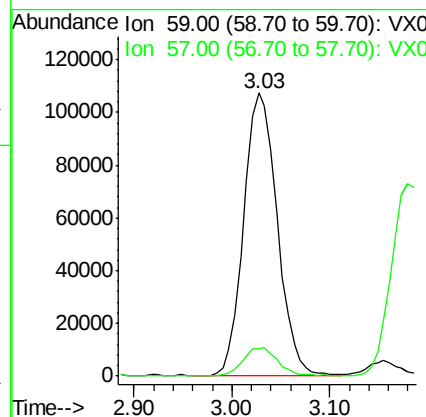
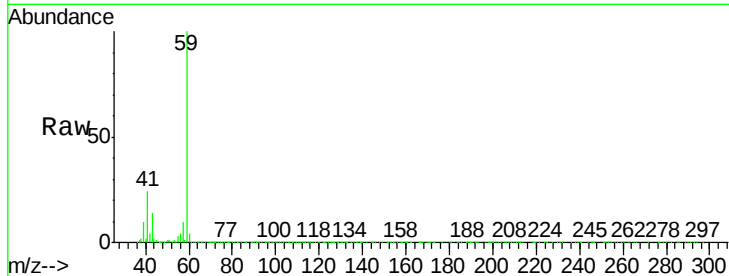
#11
Tert butyl alcohol
Concen: 239.001 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.5	12.7

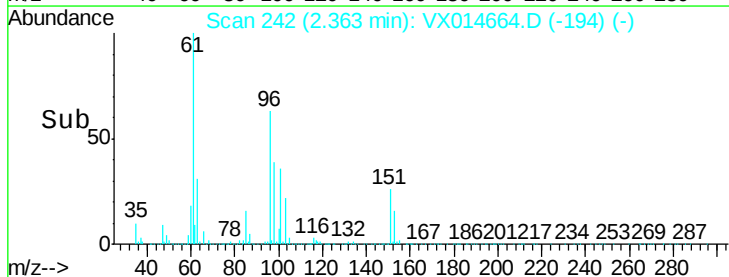
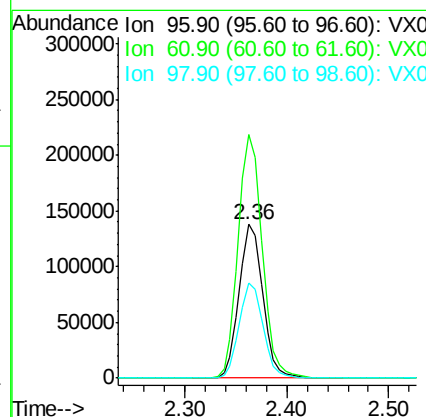
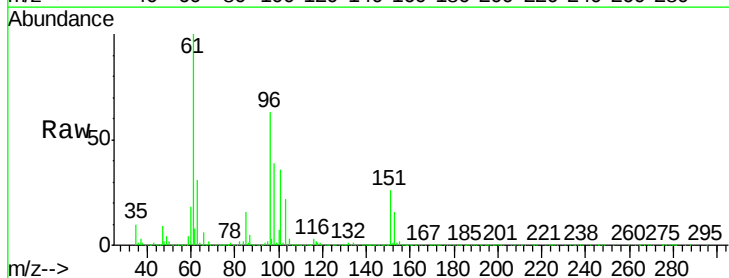
Manual Integrations
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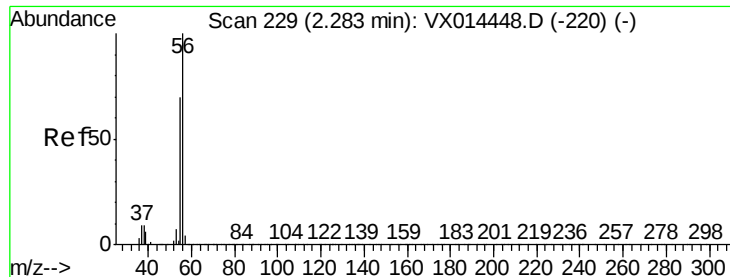
MMDadoda
1/21/2020 2:14:45 PM



#12
1,1-Dichloroethene
Concen: 48.986 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	125.0	187.6
98	61.6	50.2	75.2





#13

Acrolein

Concen: 299.599 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 256321

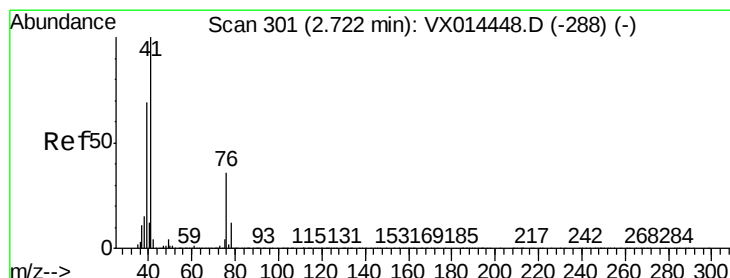
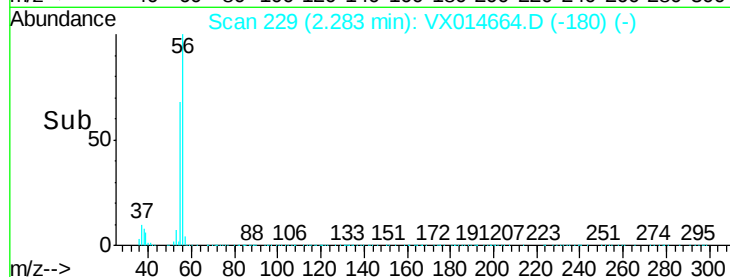
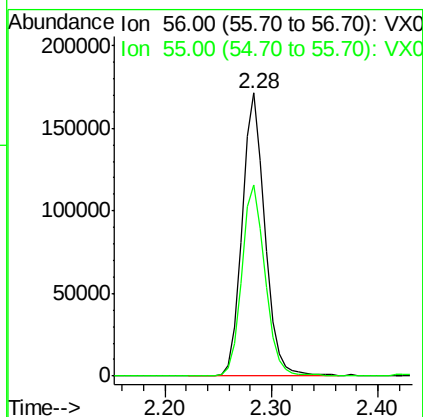
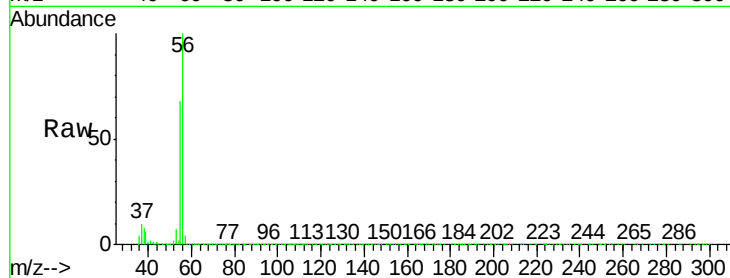
Ion Ratio Lower Upper

56 100

55 68.8 55.0 82.6

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#14

Allyl chloride

Concen: 51.861 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

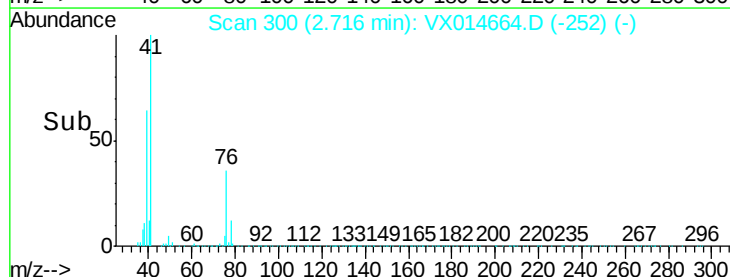
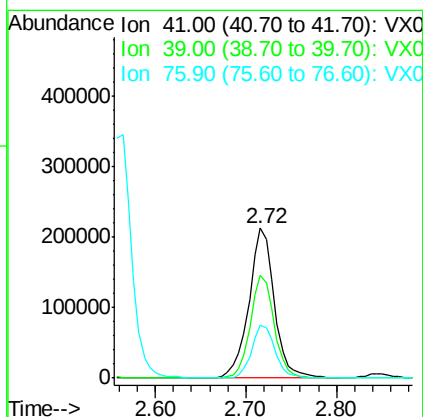
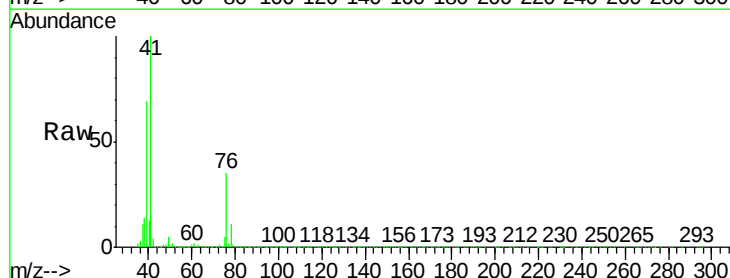
Tgt Ion: 41 Resp: 411806

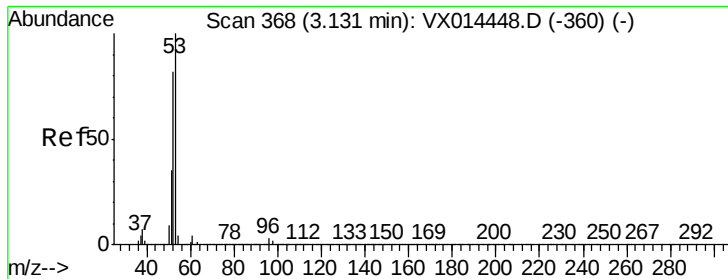
Ion Ratio Lower Upper

41 100

39 64.5 51.7 77.5

76 32.5 26.8 40.2





#15

Acrylonitrile

Concen: 259.682 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

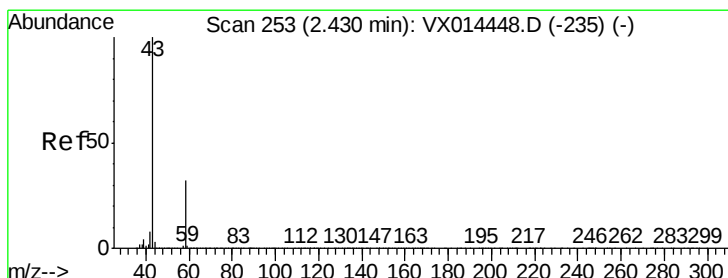
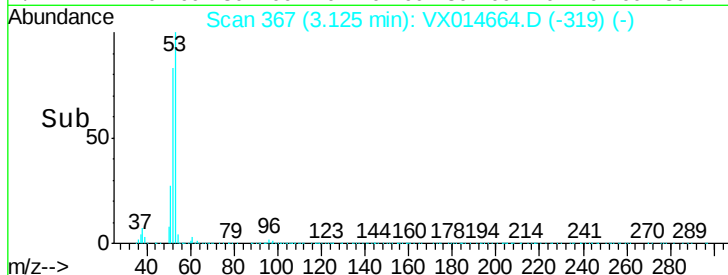
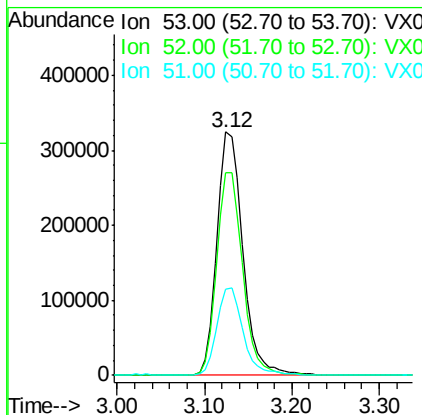
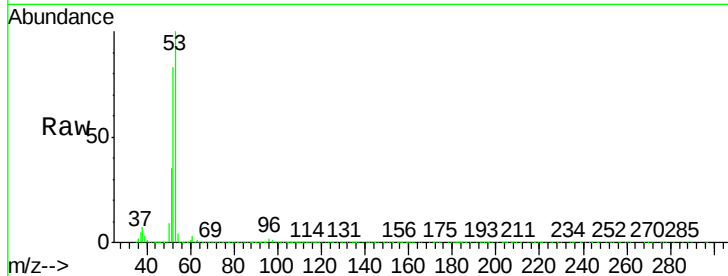
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	668991
Ion Ratio		Lower	Upper
53	100		
52	83.1	67.0	100.4
51	36.3	28.5	42.7

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#16

Acetone

Concen: 274.029 ug/l

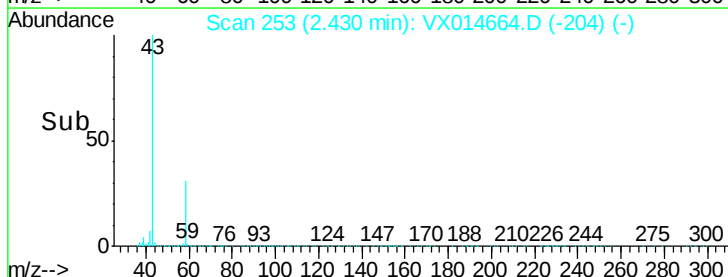
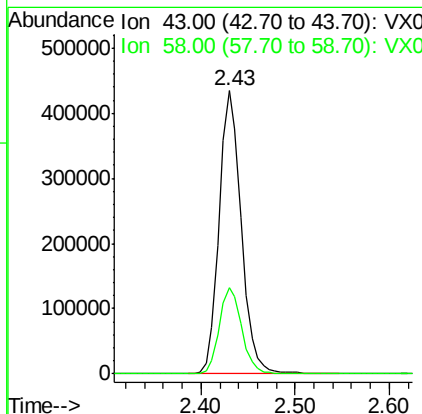
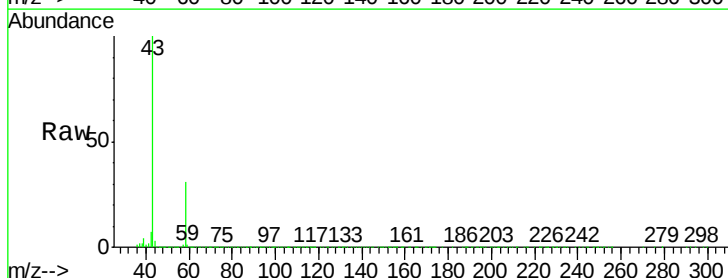
RT: 2.43 min Scan# 253

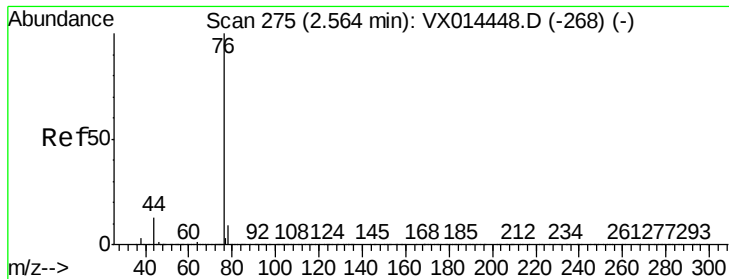
Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion:	43	Resp:	701363
Ion Ratio		Lower	Upper
43	100		
58	30.6	25.4	38.0





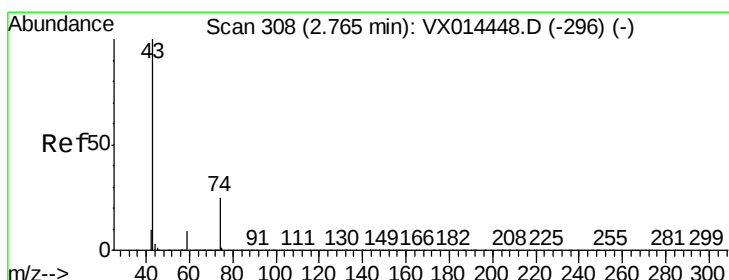
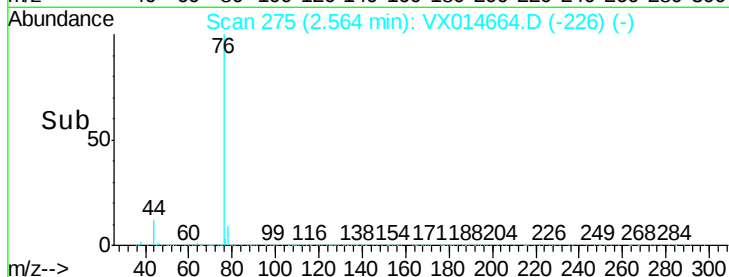
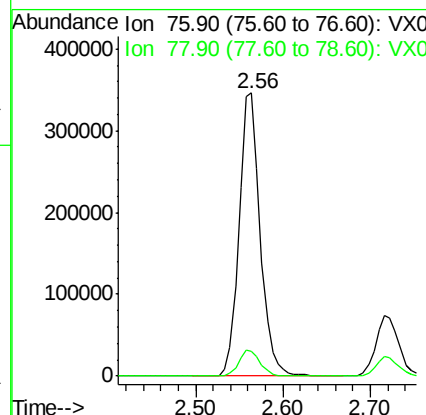
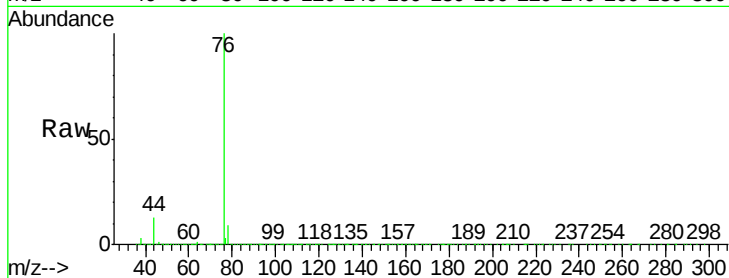
#17
Carbon Disulfide
Concen: 46.258 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

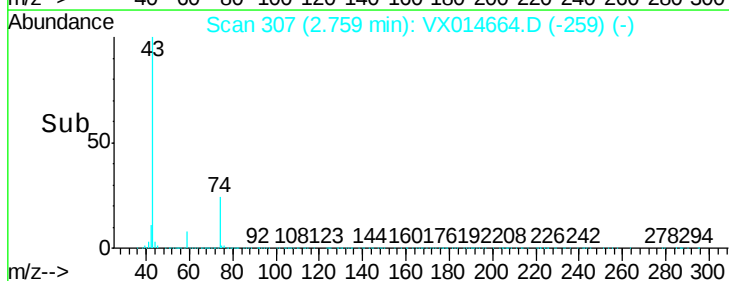
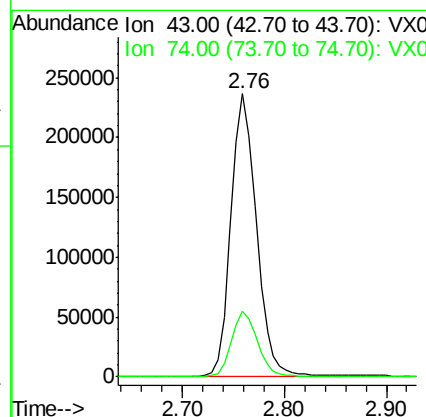
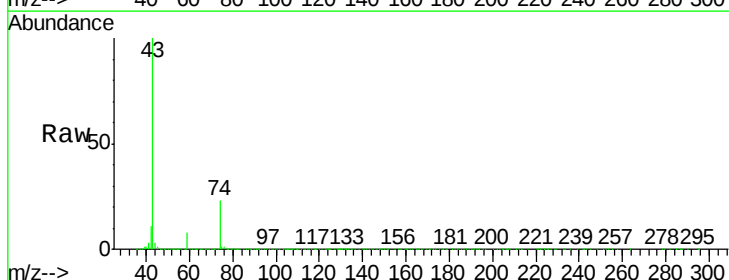
Manual Integrations
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#18
Methyl Acetate
Concen: 55.776 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.4	29.2





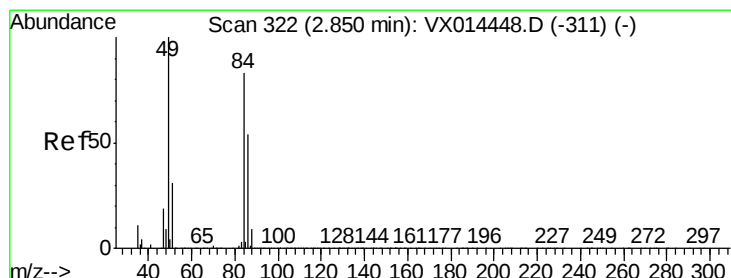
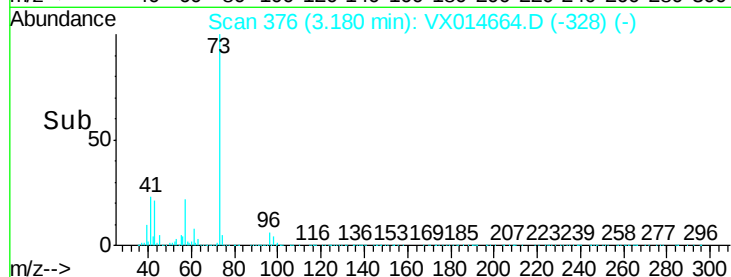
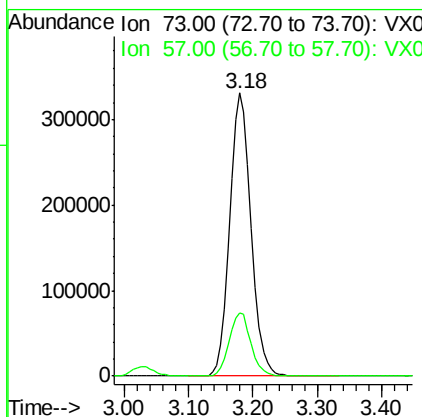
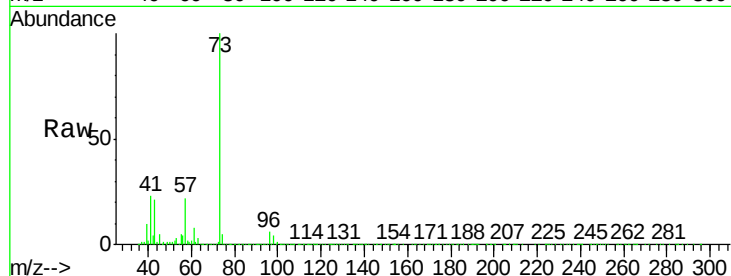
#19
Methyl tert-butyl Ether
Concen: 52.979 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.8

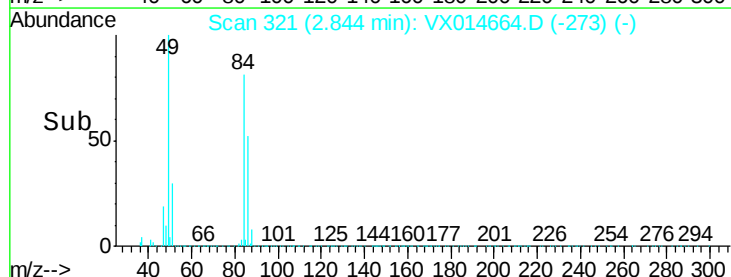
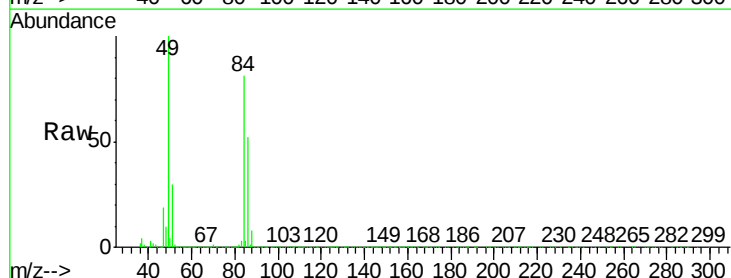
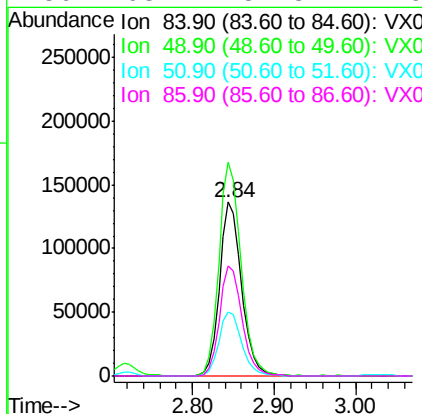
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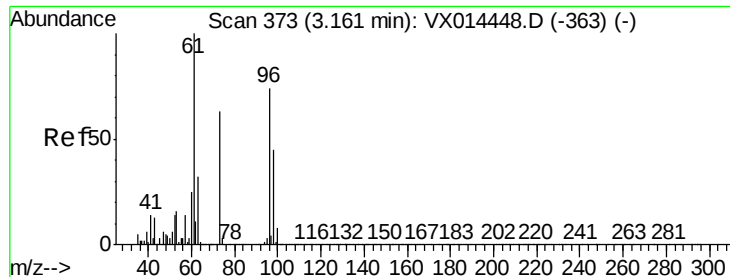
MMDadoda
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#20
Methylene Chloride
Concen: 49.443 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	95.8	143.8
51	37.0	30.2	45.4
86	63.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 48.311 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

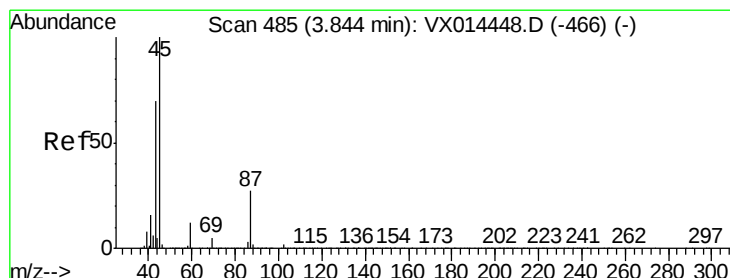
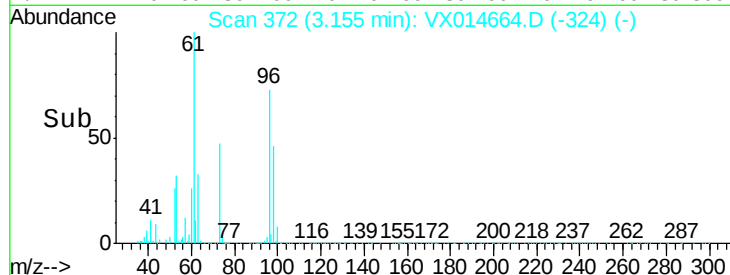
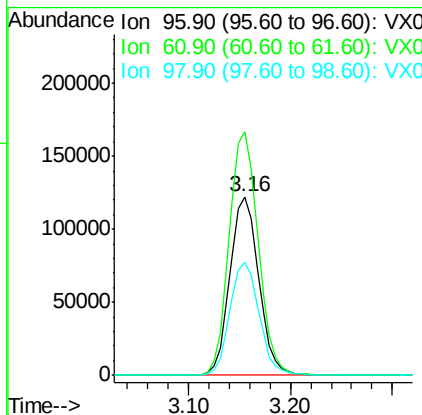
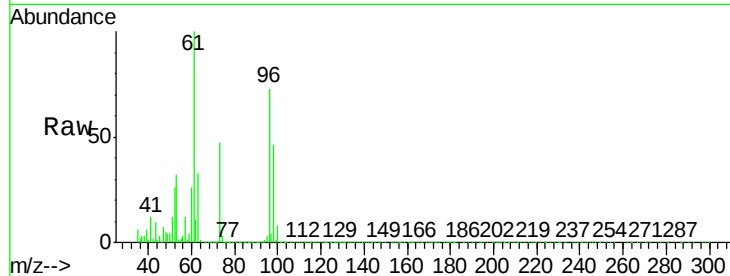
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	238539
Ion Ratio	Lower	Upper	
96	100		
61	136.3	108.2	162.4
98	63.2	48.8	73.2

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#22

Diisopropyl ether

Concen: 55.075 ug/l

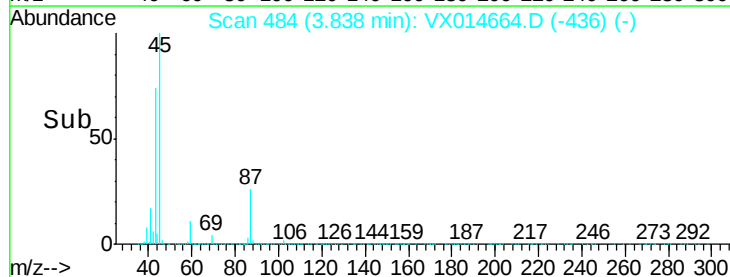
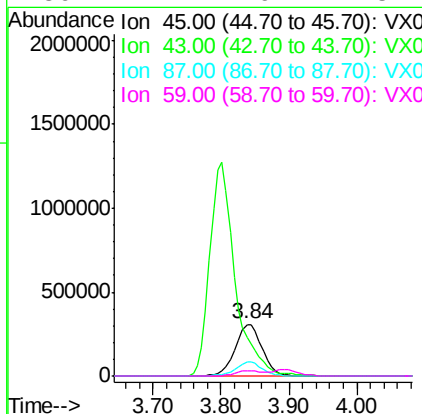
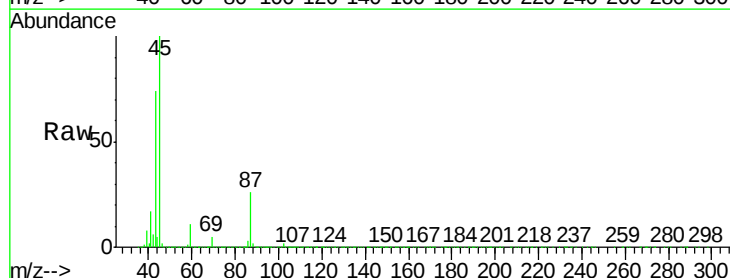
RT: 3.84 min Scan# 484

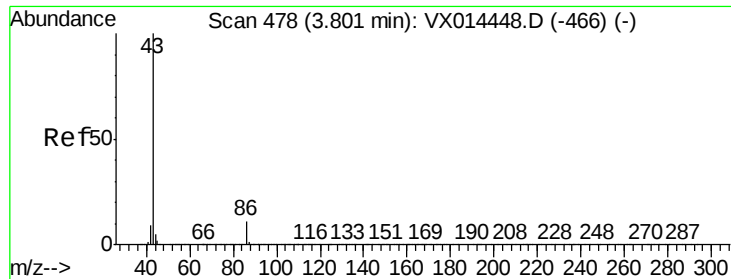
Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion:	45	Resp:	845153
Ion Ratio	Lower	Upper	
45	100		
43	73.2	55.8	83.6
87	26.3	21.8	32.8
59	11.1	9.1	13.7





#23

Vinyl Acetate

Concen: 278.436 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 3308005

Ion Ratio Lower Upper

43 100

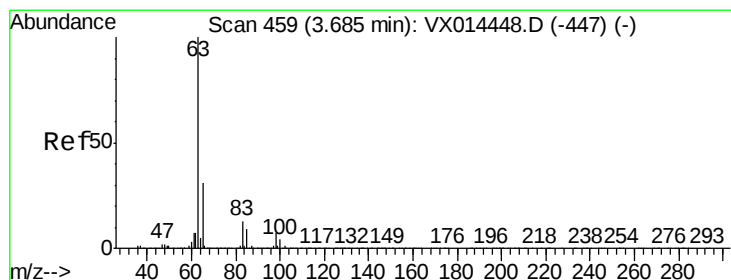
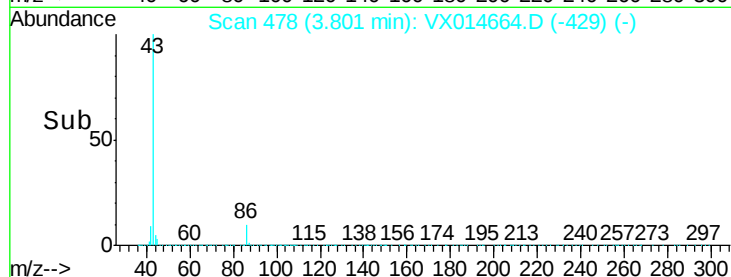
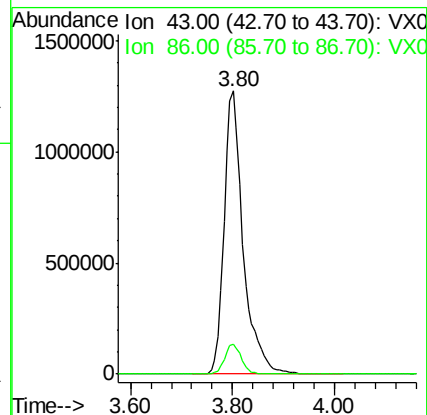
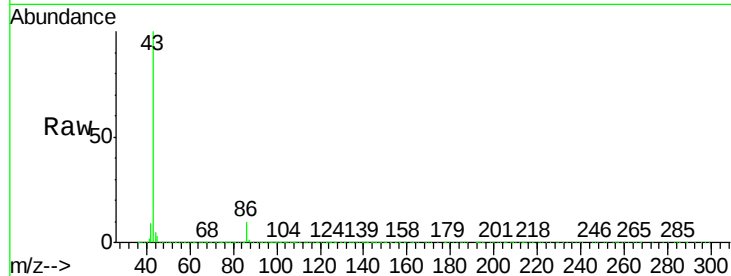
86 10.5 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 53.228 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

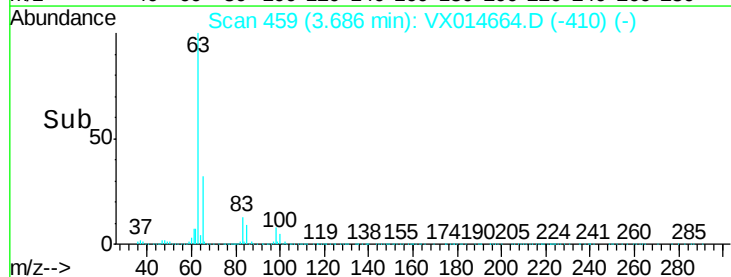
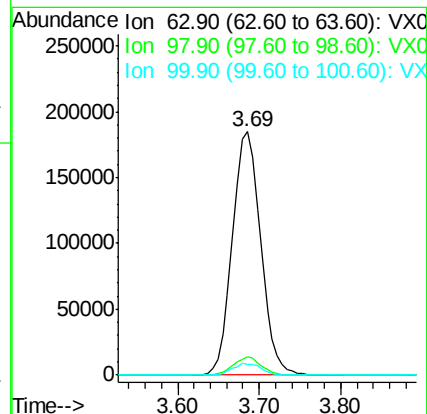
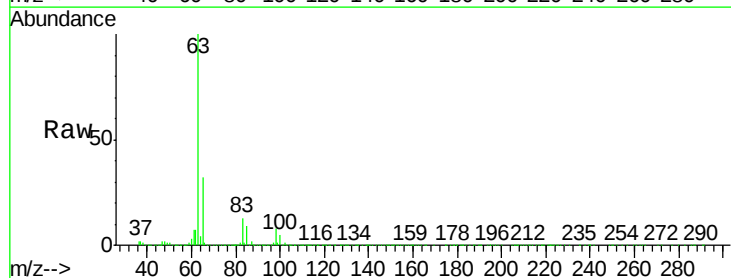
Tgt Ion: 63 Resp: 444336

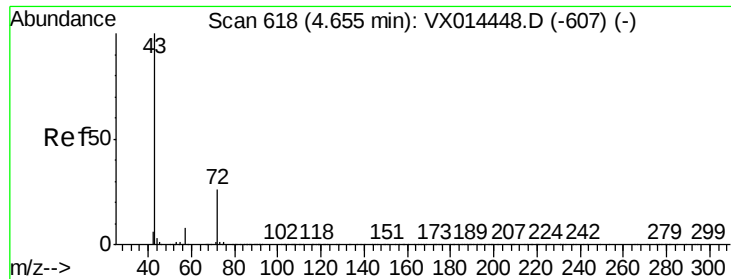
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 269.343 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1028516

Ion Ratio Lower Upper

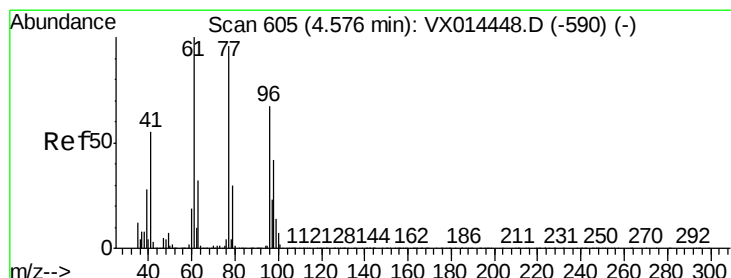
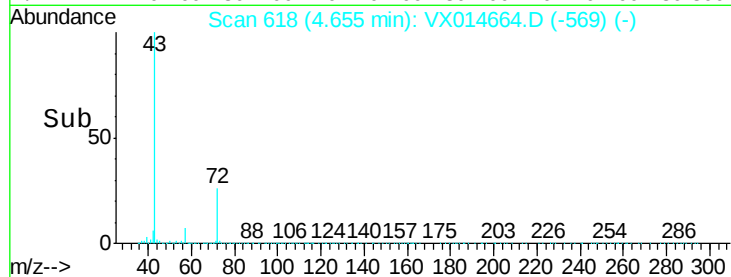
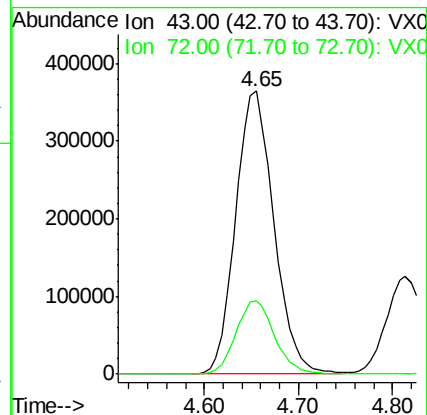
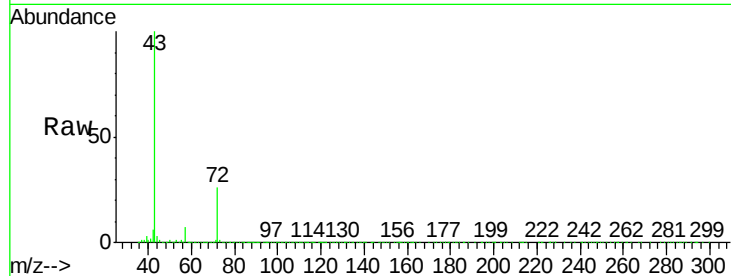
43 100

72 26.0 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 52.221 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014664.D

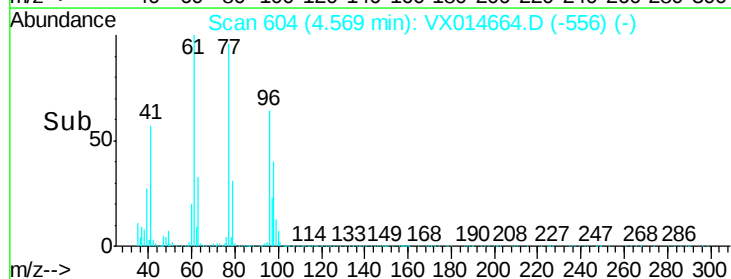
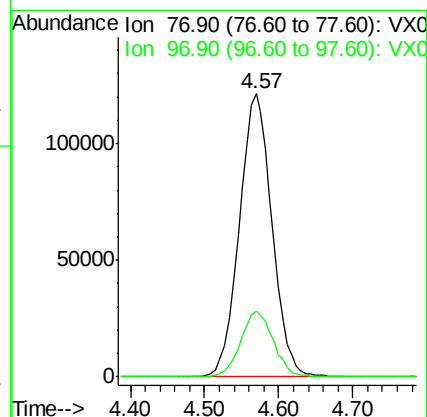
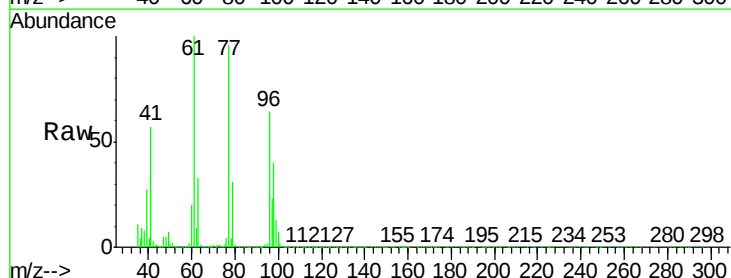
Acq: 20 Jan 2020 09:59

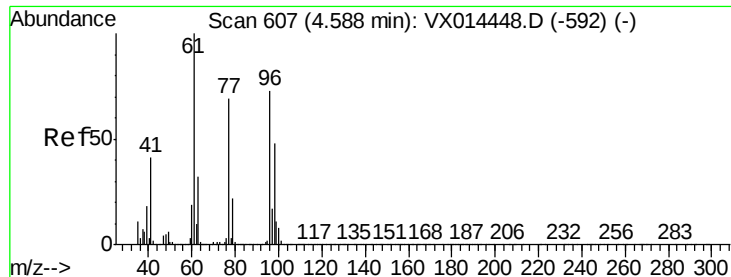
Tgt Ion: 77 Resp: 369280

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1





#27

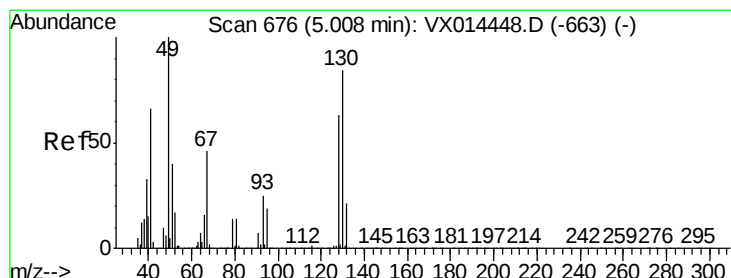
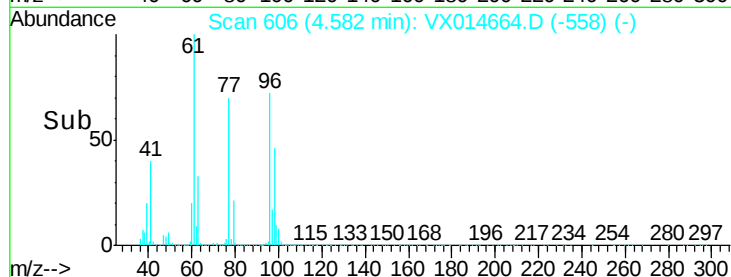
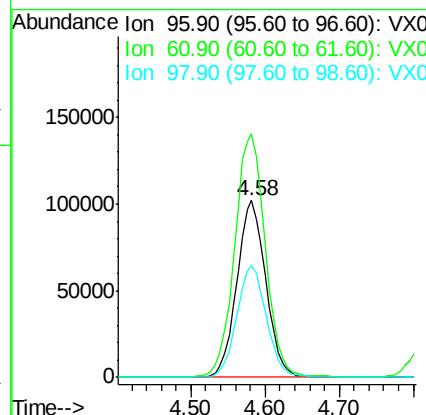
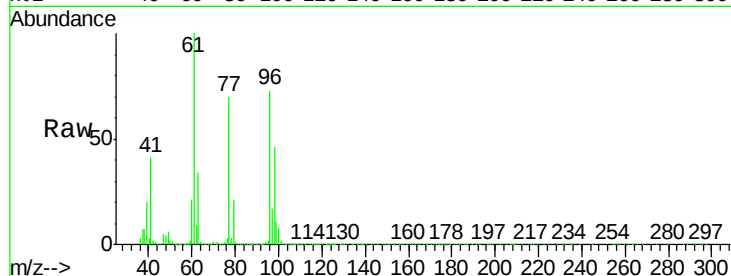
cis-1,2-Dichloroethene
Concen: 50.024 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	276116		
61	146.4	0.0	285.4	
98	64.5	0.0	130.6	

Manual Integrations
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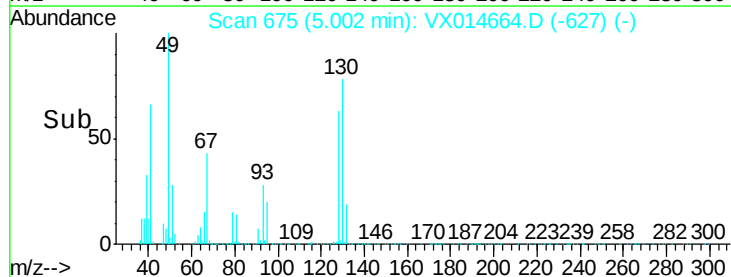
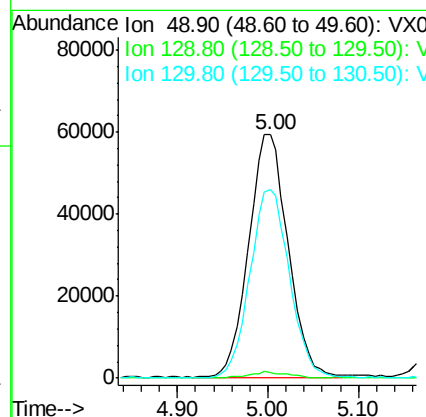
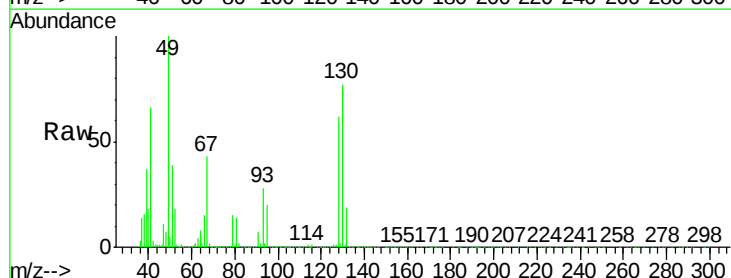
MMDadoda
1/21/2020 2:14:45 PM



#28

Bromochloromethane
Concen: 50.783 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	178631		
129	2.2	0.0	4.4	
130	77.6	67.0	100.4	





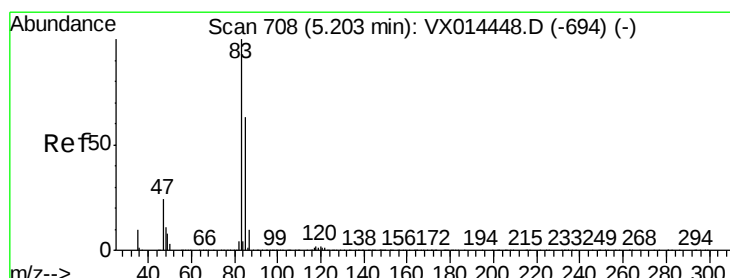
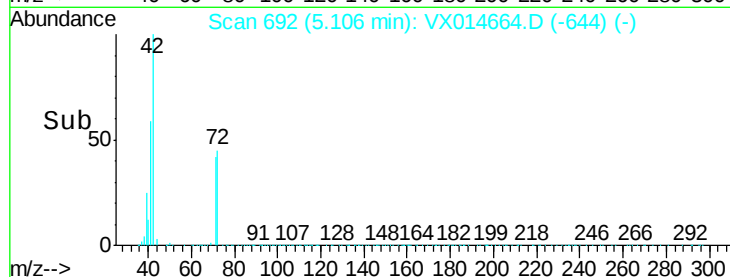
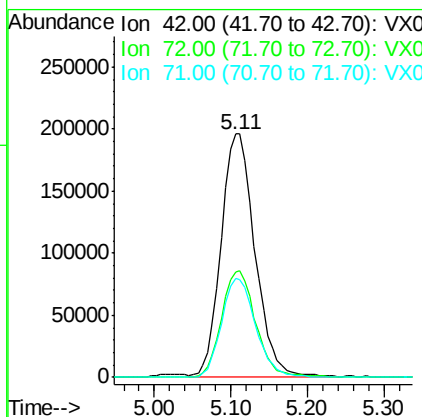
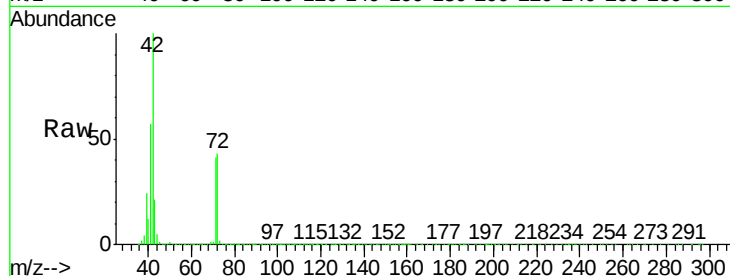
#29
Tetrahydrofuran
Concen: 264.770 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.2	54.4
71	40.8	34.1	51.1

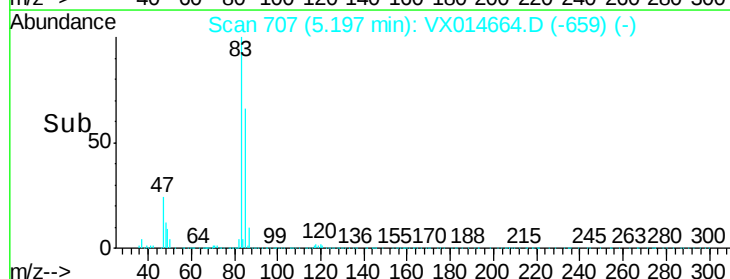
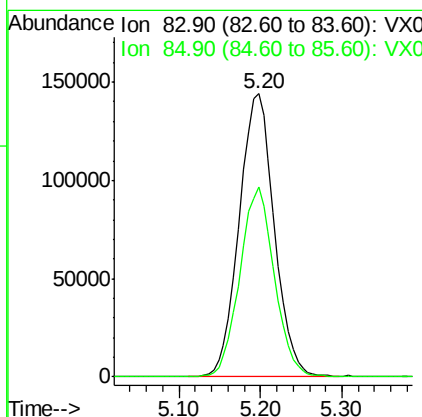
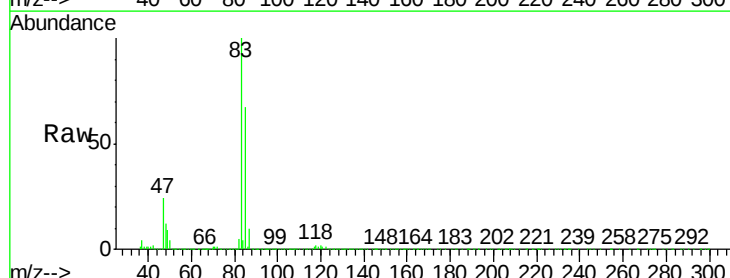
Manual Integrations
APPROVED

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#30
Chloroform
Concen: 52.721 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.6	75.8





#31

Cyclohexane

Concen: 53.316 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

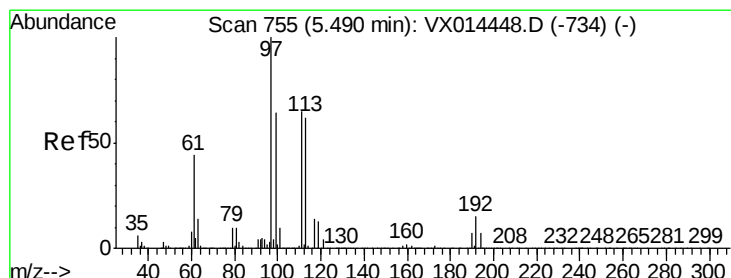
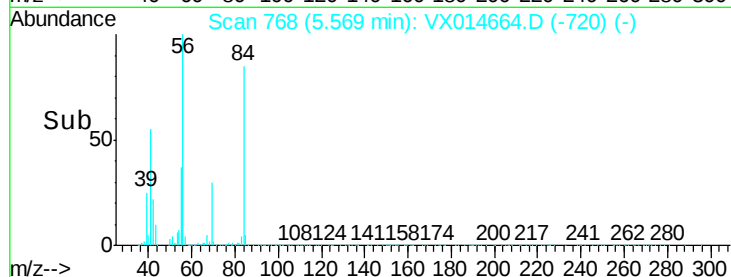
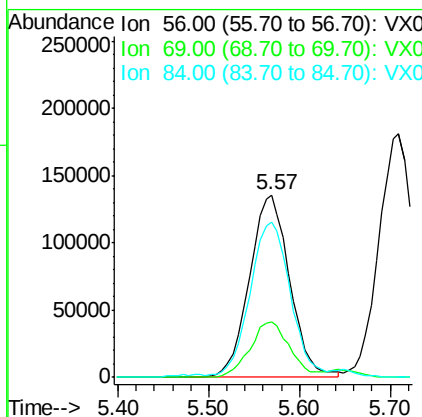
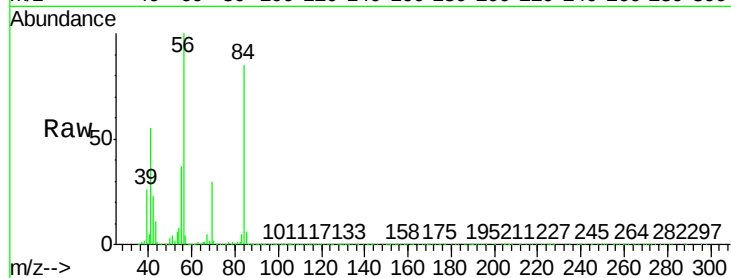
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.0	24.4	36.6	
84	84.1	70.6	106.0	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.112 ug/l

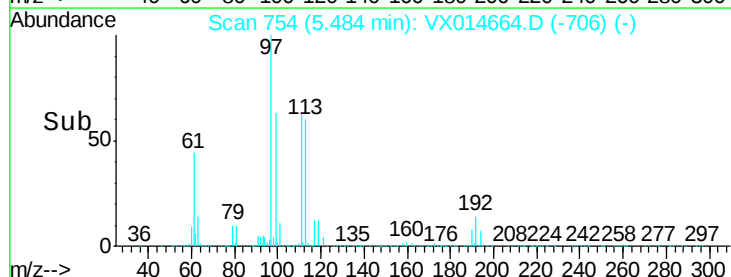
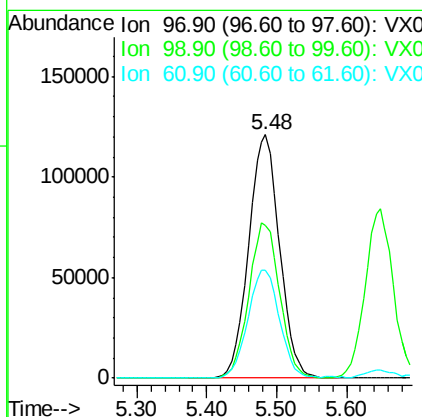
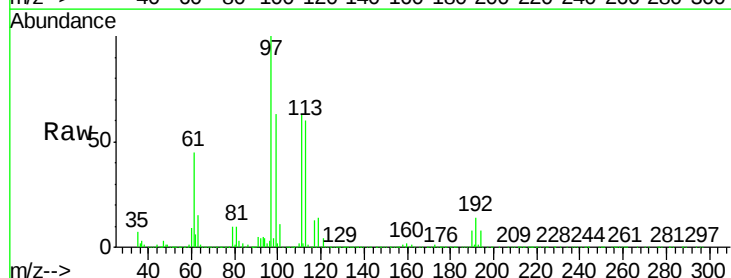
RT: 5.48 min Scan# 754

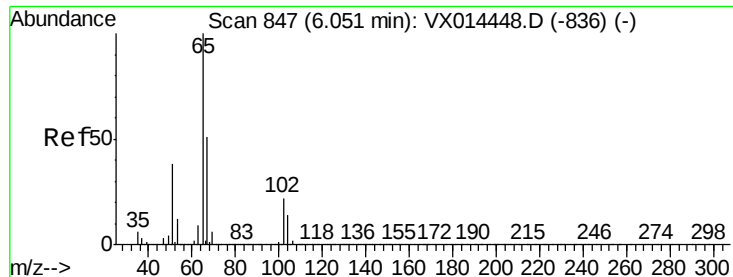
Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.4	51.8	77.6	
61	45.5	35.9	53.9	





#33

1,2-Dichloroethane-d4

Concen: 49.899 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 255086

Ion Ratio Lower Upper

65 100

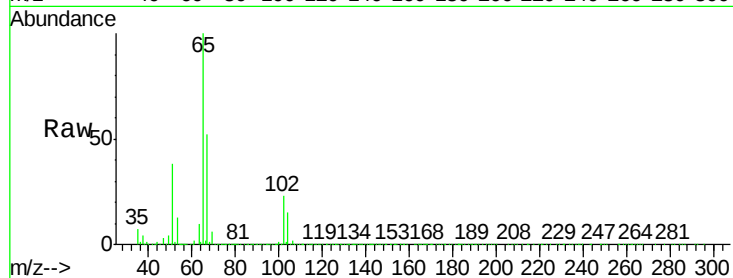
67 53.1 0.0 106.2

Manual Integrations

APPROVED

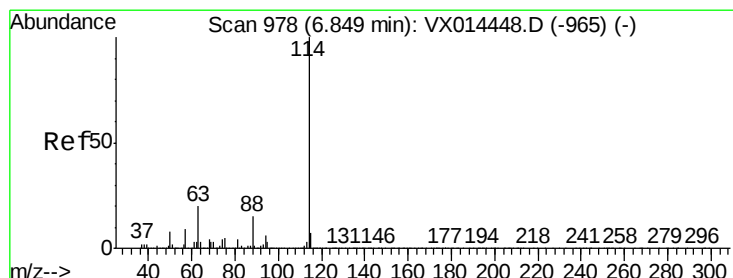
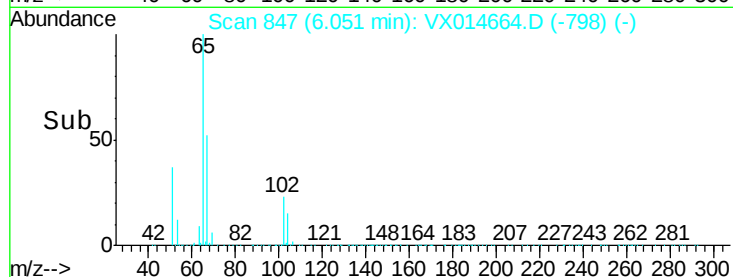
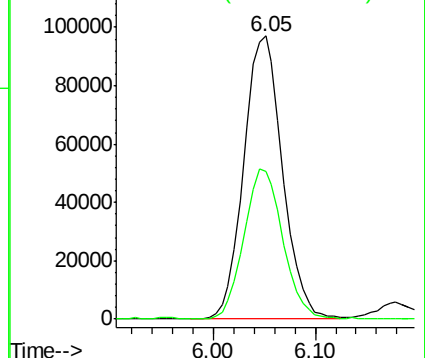
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

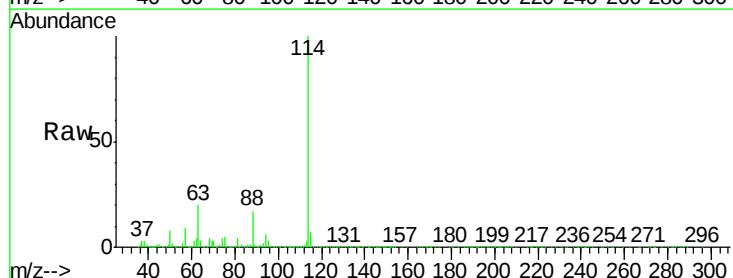
Tgt Ion: 114 Resp: 683169

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

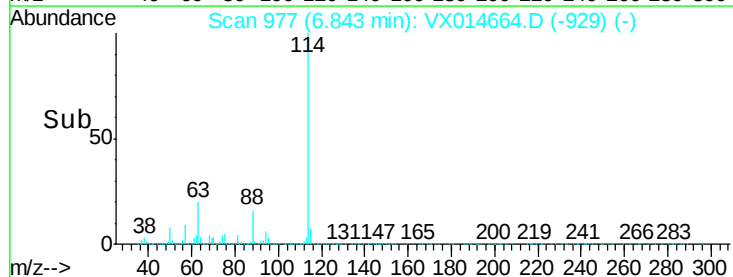
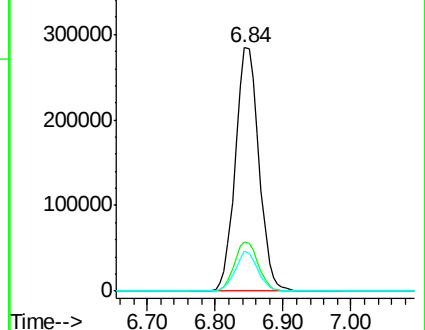
88 16.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.812 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

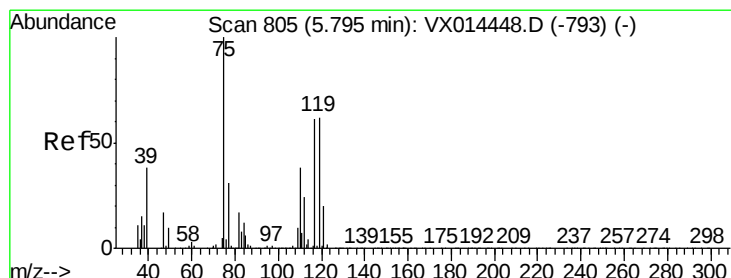
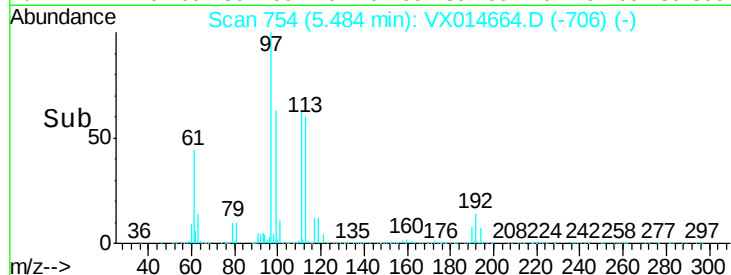
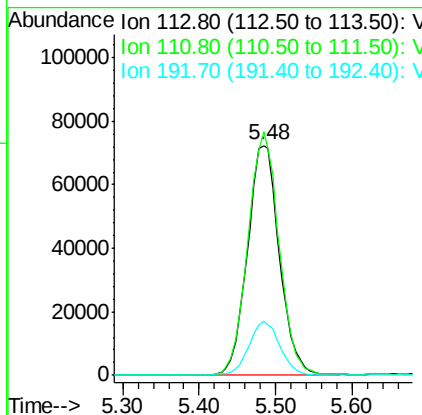
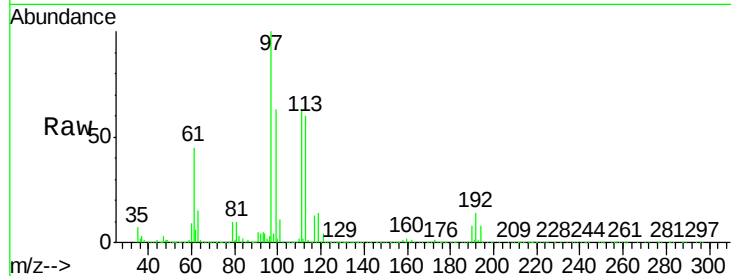
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	210133
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.5	122.3
192	23.3	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.628 ug/l

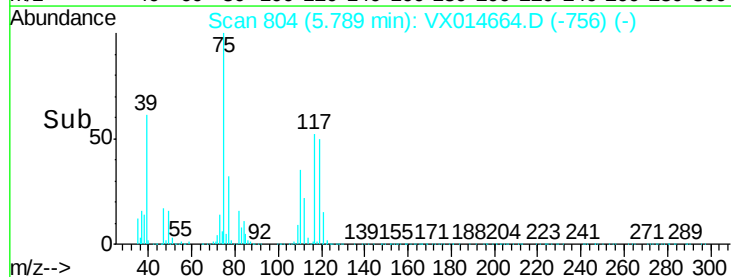
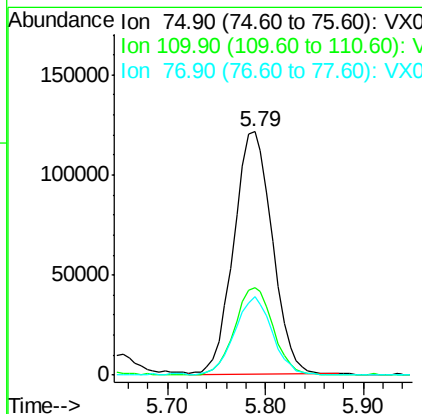
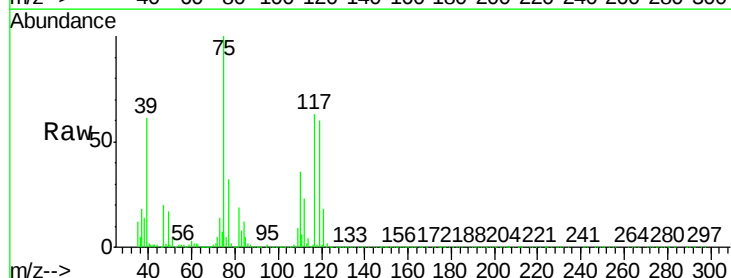
RT: 5.79 min Scan# 804

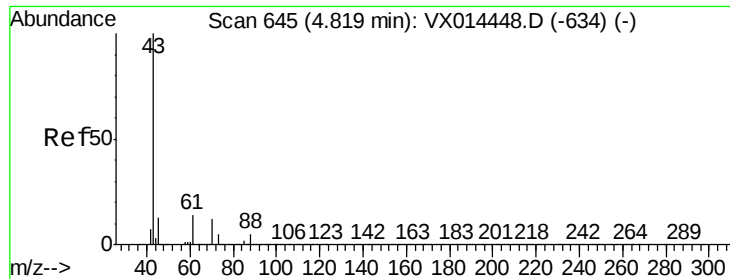
Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion:	75	Resp:	331687
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.6	55.8
77	31.3	24.5	36.7





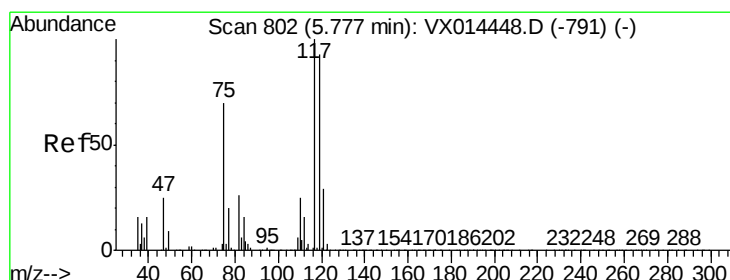
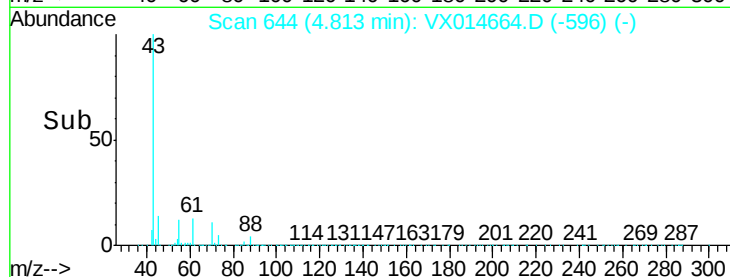
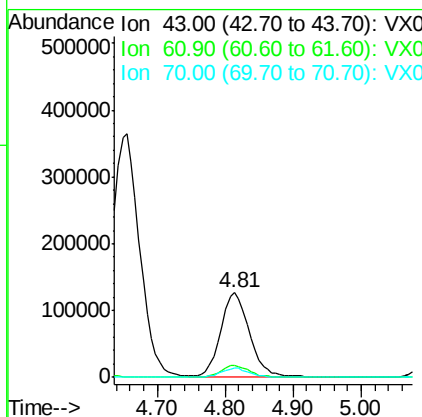
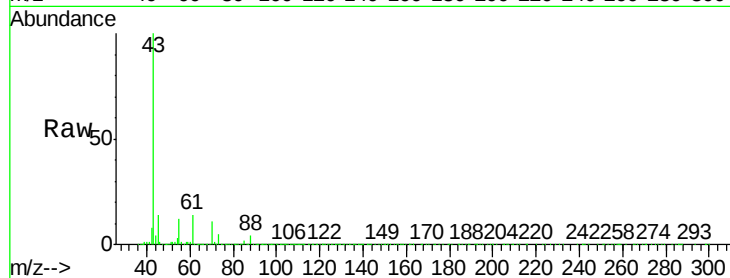
#37
Ethyl Acetate
Concen: 52.967 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	10.2	8.9	13.3

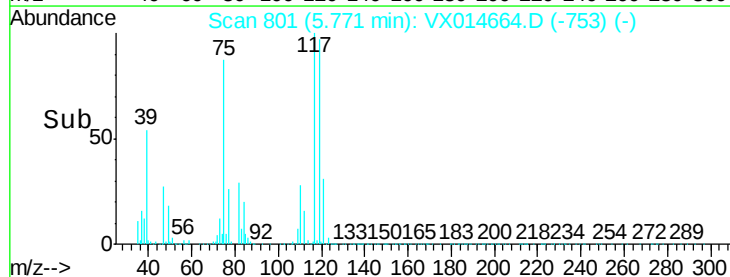
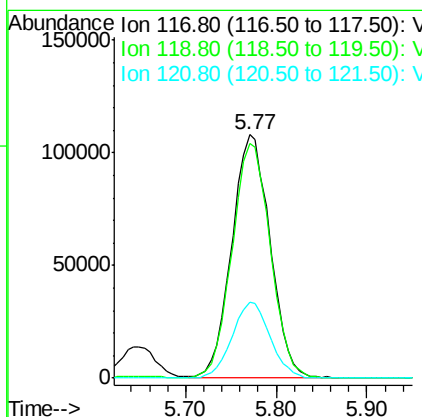
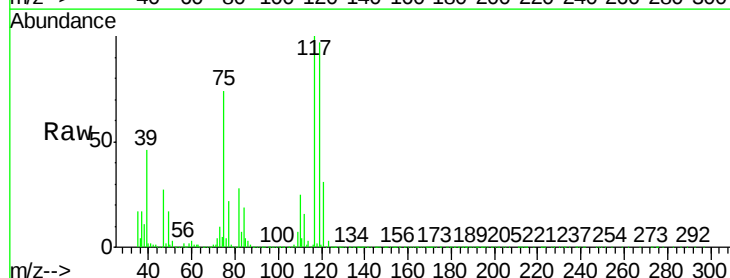
Manual Integrations
APPROVED

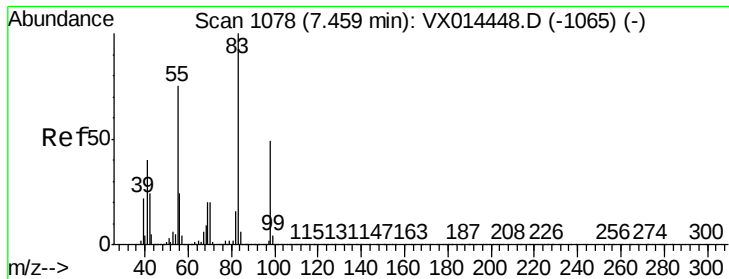
MMDadoda
1/21/2020 2:14:45 PM



#38
Carbon Tetrachloride
Concen: 53.454 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	73.8	110.8
121	31.1	23.4	35.0





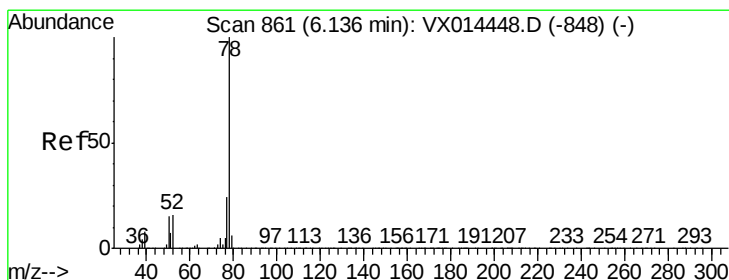
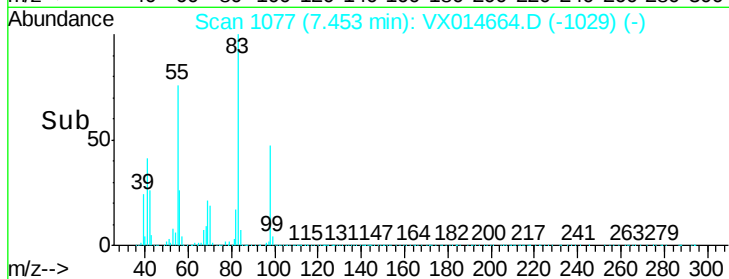
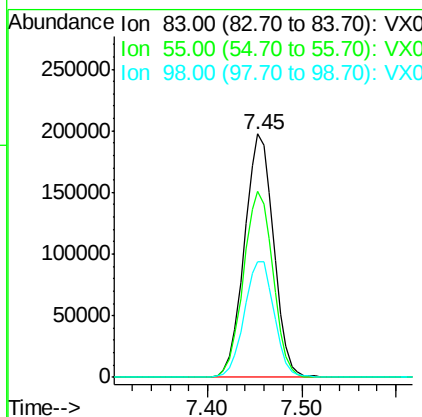
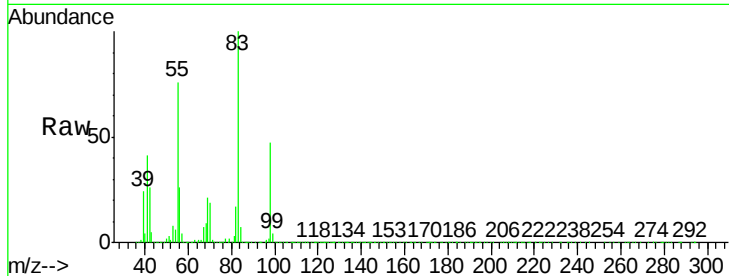
#39
Methvlcvclohexane
Concen: 52.692 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	59.7	89.5
98	47.4	39.1	58.7

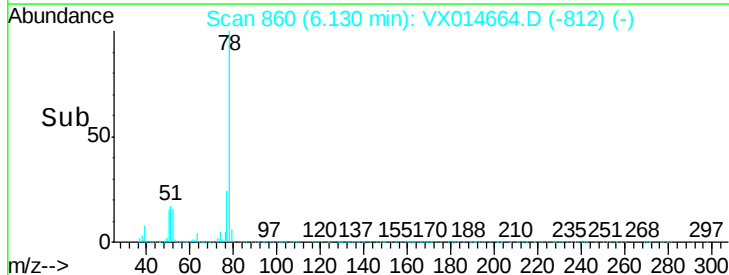
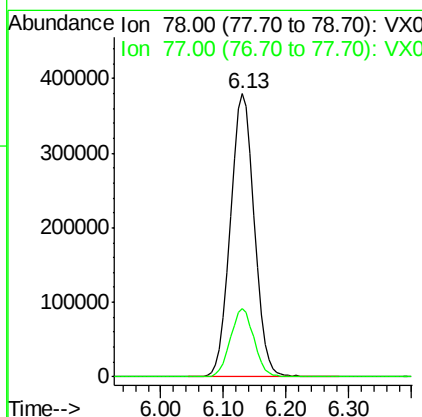
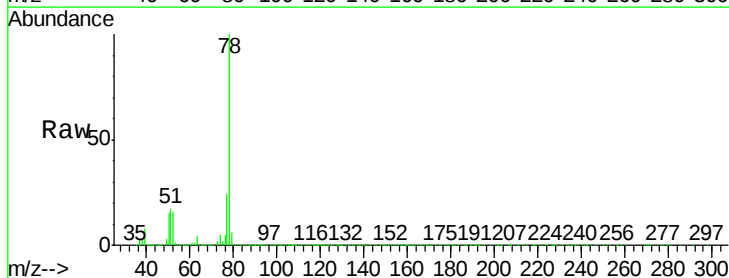
Manual Integrations
APPROVED

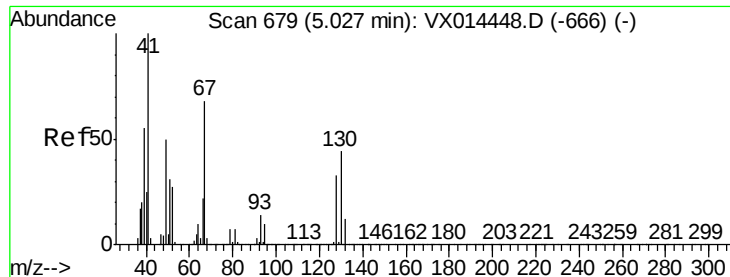
MMDadoda
1/21/2020 2:14:45 PM



#40
Benzene
Concen: 52.545 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3





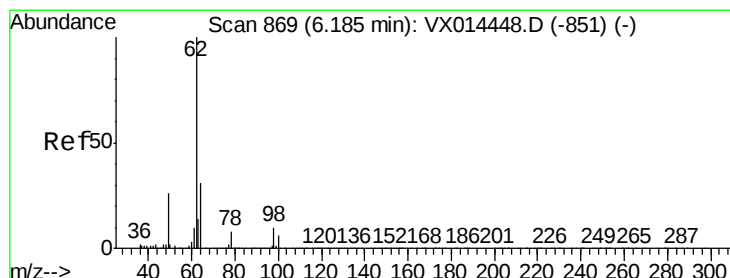
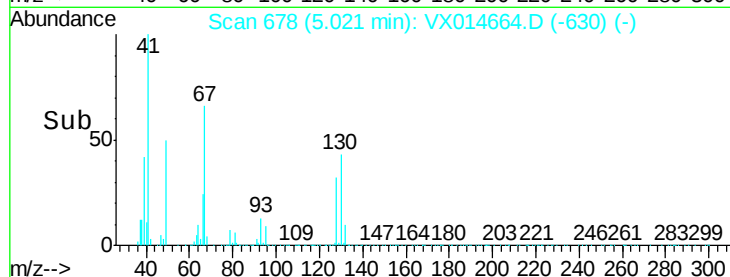
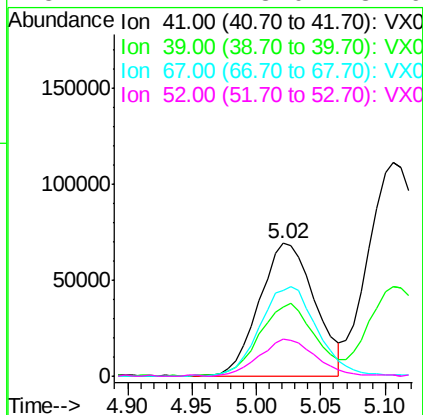
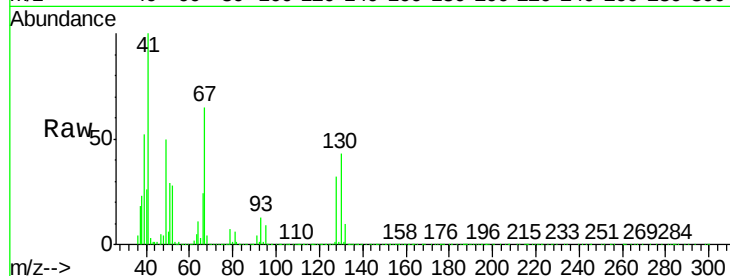
#41
Methacrylonitrile
Concen: 55.571 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		206803		
39	53.1	43.6	65.4		
67	69.4	57.9	86.9		
52	27.7	23.0	34.6		

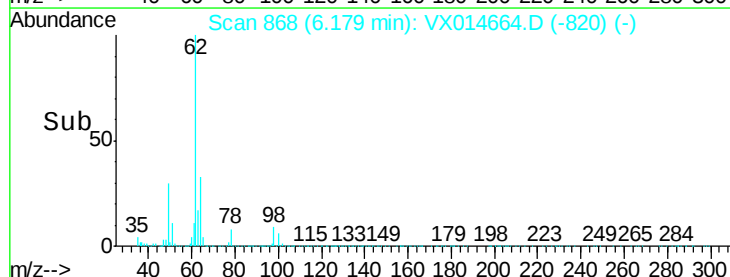
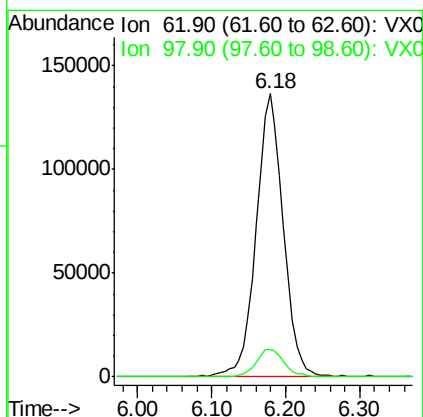
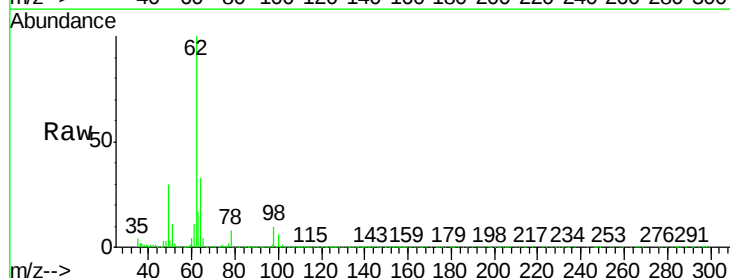
Manual Integrations
APPROVED

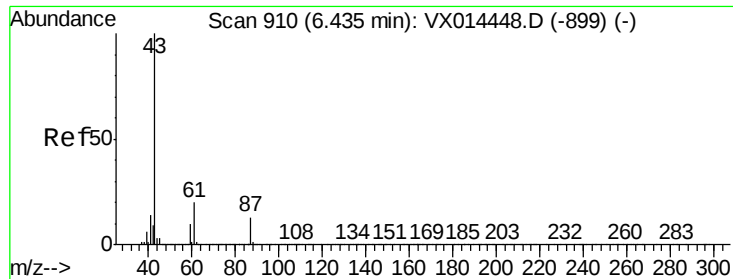
MMDadoda
1/21/2020 2:14:45 PM



#42
1,2-Dichloroethane
Concen: 52.029 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		346876		
98	9.8	0.0	20.4		





#43

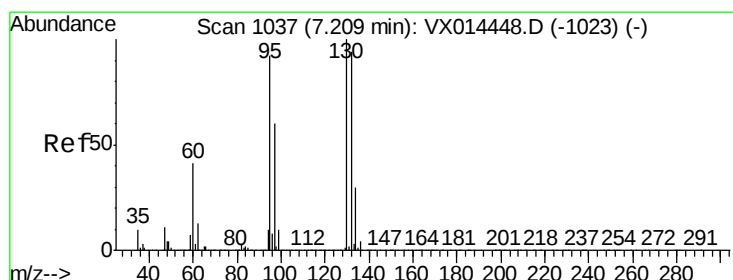
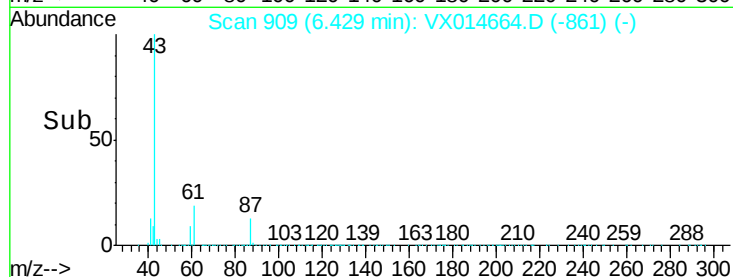
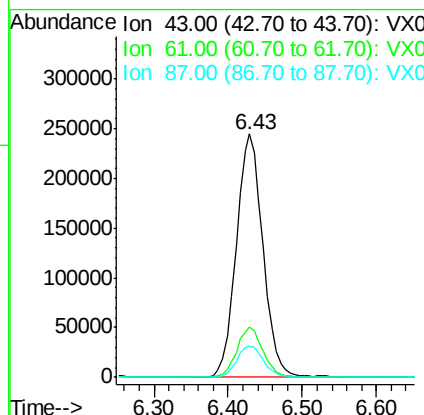
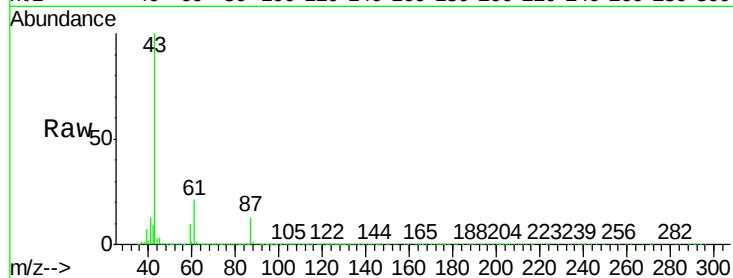
Isopropyl Acetate
 Concen: 53.913 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	12.9	10.8	16.2

Manual Integrations
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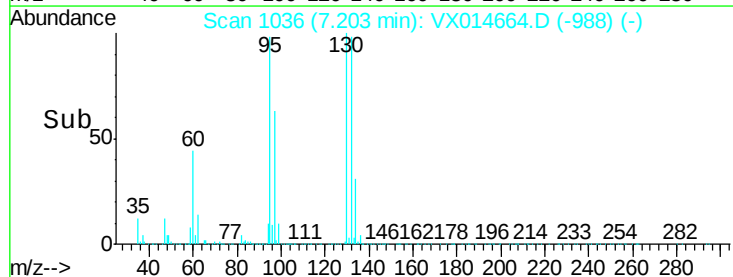
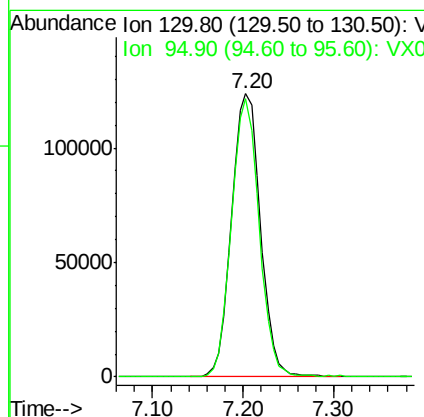
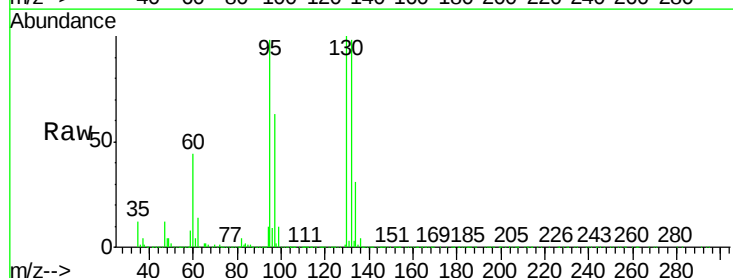
MMDadoda
 1/21/2020 2:14:45 PM

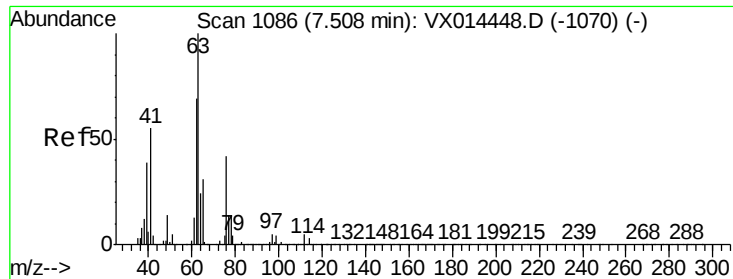


#44

Trichloroethene
 Concen: 49.944 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	184.2





#45

1,2-Dichloropropane

Concen: 54.607 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 265468

Ion Ratio Lower Upper

63 100

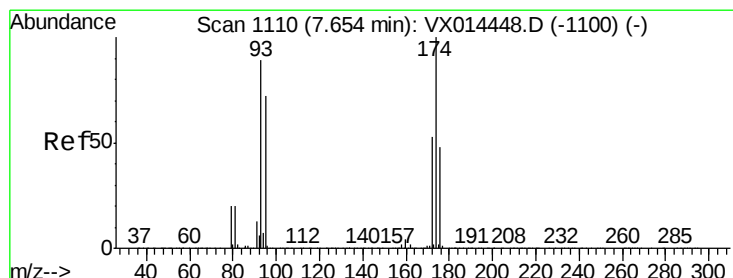
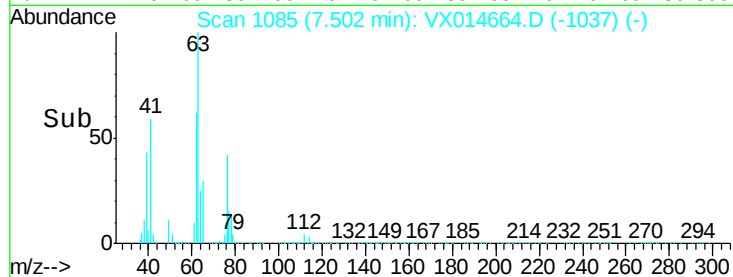
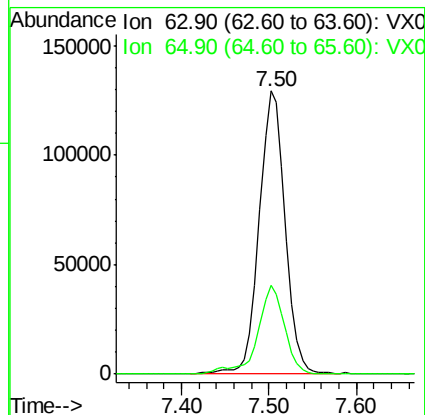
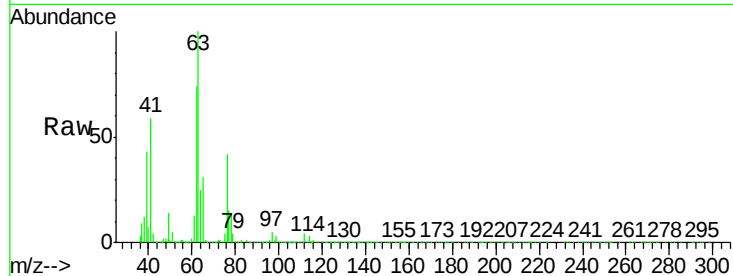
65 31.1 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 49.919 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

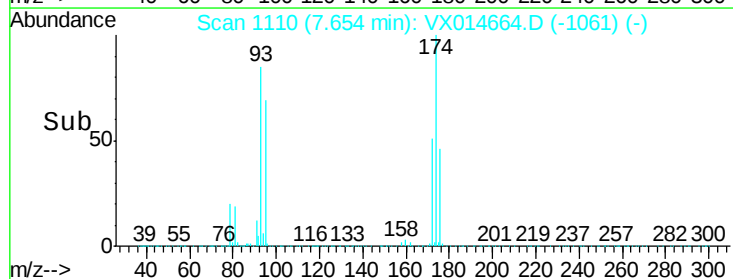
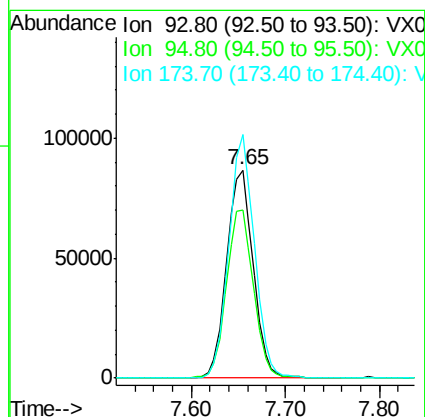
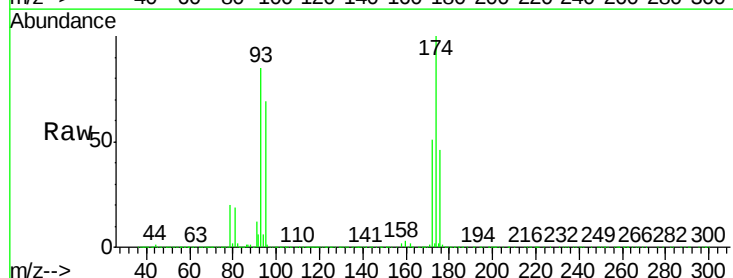
Tgt Ion: 93 Resp: 169380

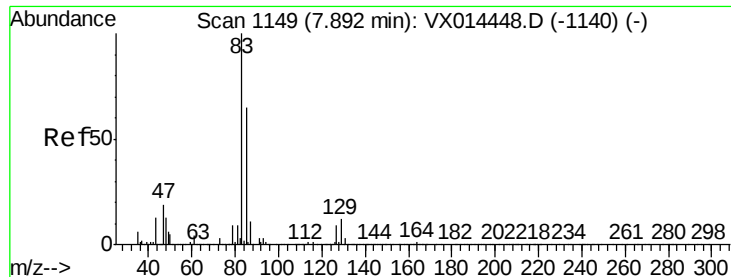
Ion Ratio Lower Upper

93 100

95 82.0 65.4 98.2

174 113.1 93.0 139.4





#47

Bromodichloromethane

Concen: 55.697 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

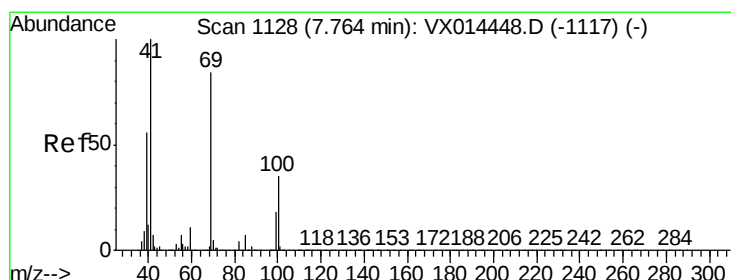
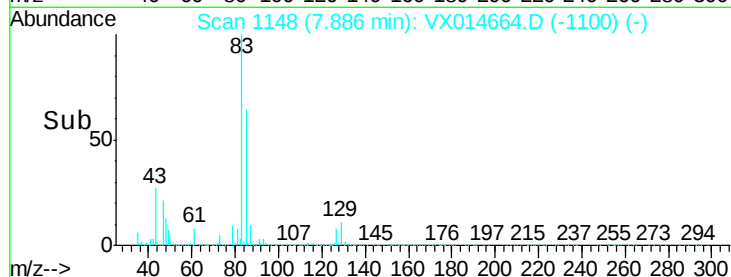
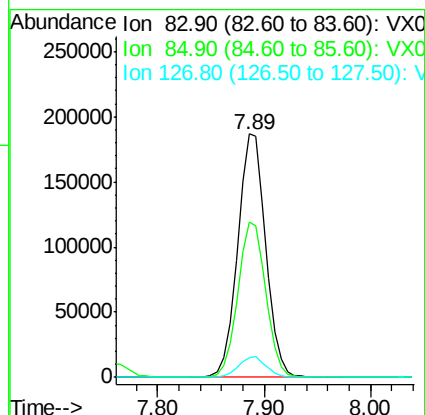
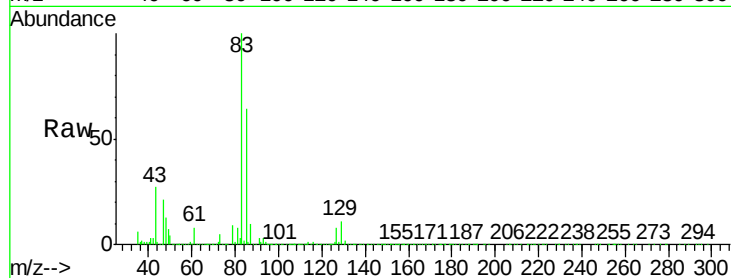
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	343874
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.7	77.5
127	8.1	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.464 ug/l

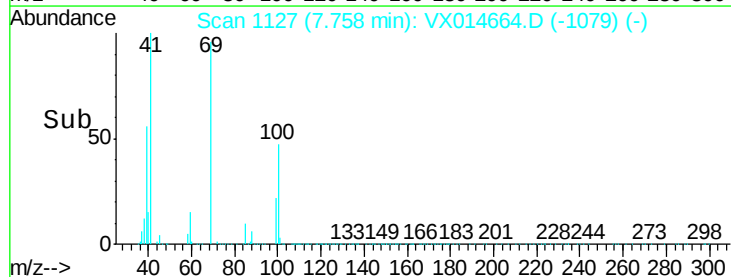
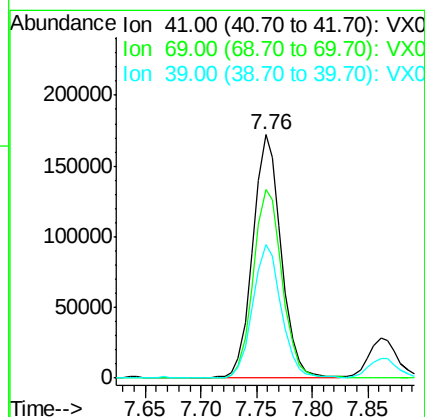
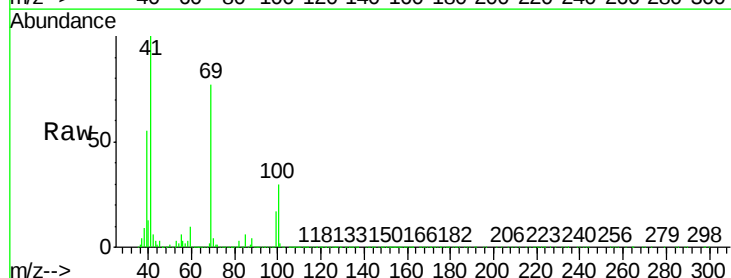
RT: 7.76 min Scan# 1127

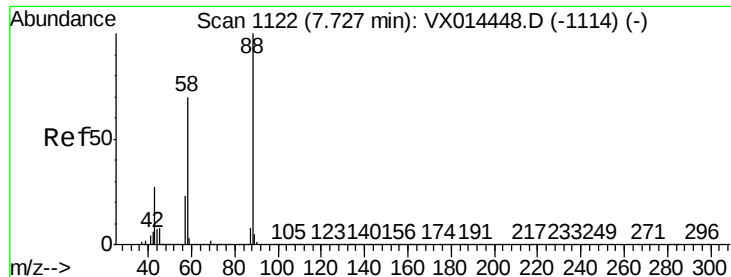
Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion:	41	Resp:	304860
Ion Ratio	Lower	Upper	
41	100		
69	79.0	65.5	98.3
39	55.0	43.9	65.9





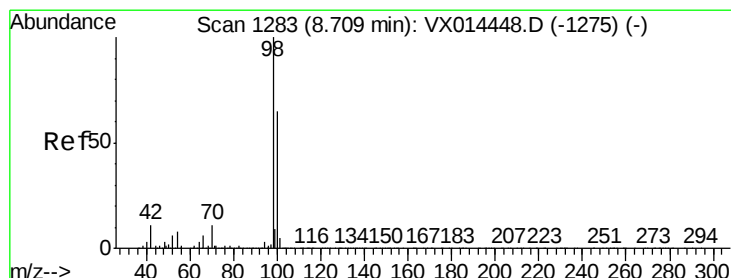
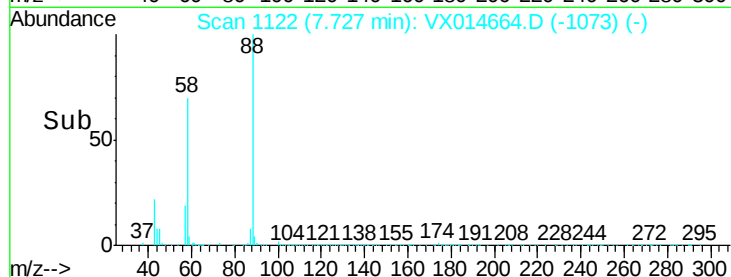
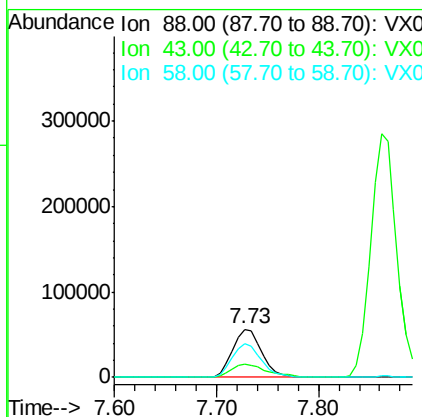
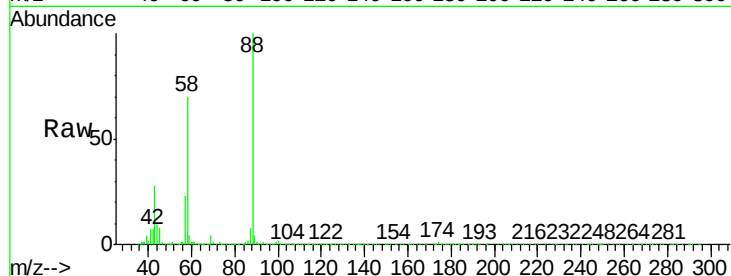
#49
1,4-Dioxane
Concen: 954.492 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	27.4	41.0
58	70.6	57.1	85.7

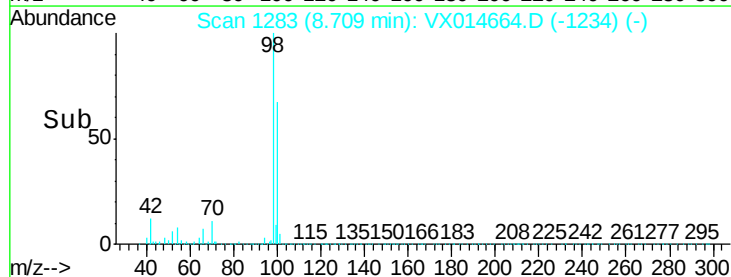
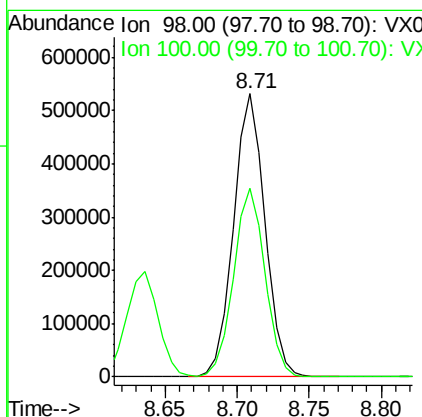
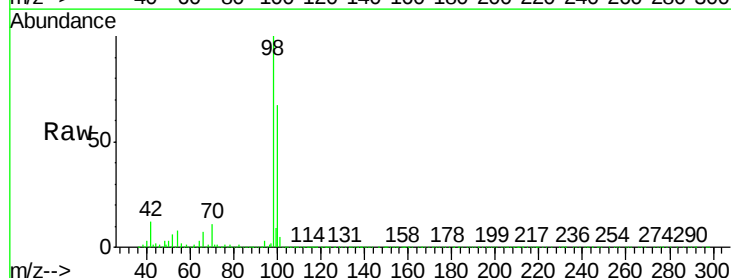
Manual Integrations
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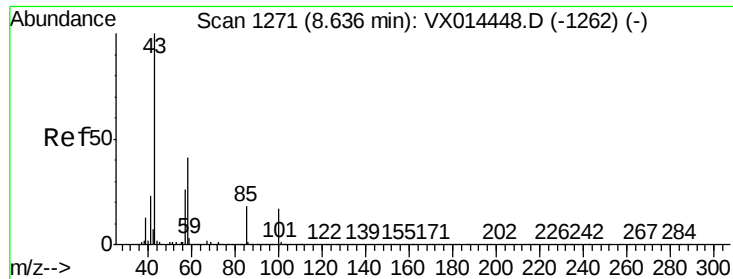
MMDadoda
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#50
Toluene-d8
Concen: 50.172 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 275.760 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1894346

Ion Ratio Lower Upper

43 100

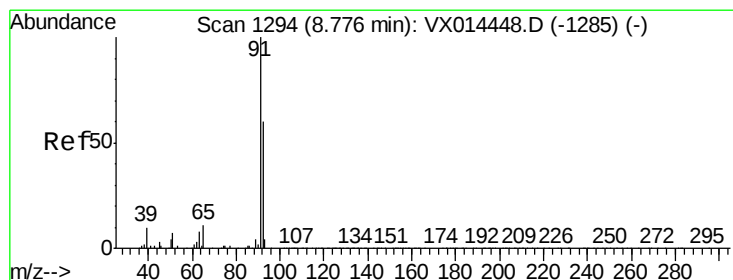
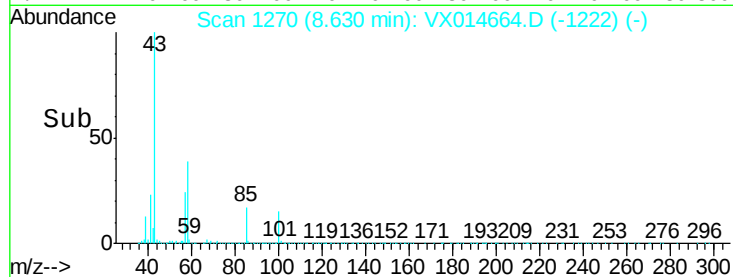
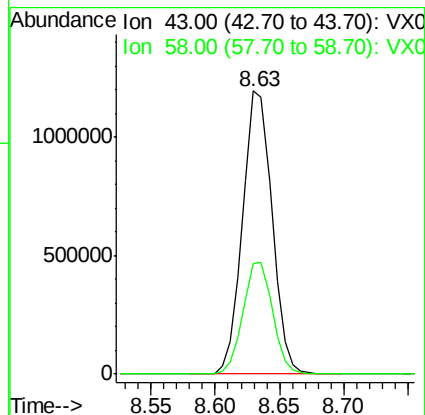
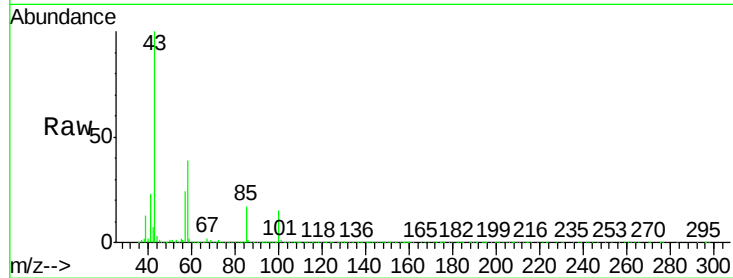
58 39.4 32.4 48.6

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#52

Toluene

Concen: 52.113 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014664.D

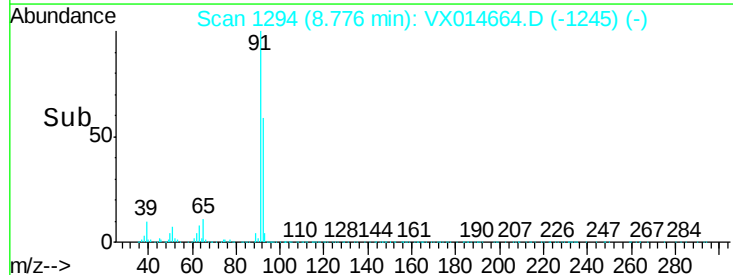
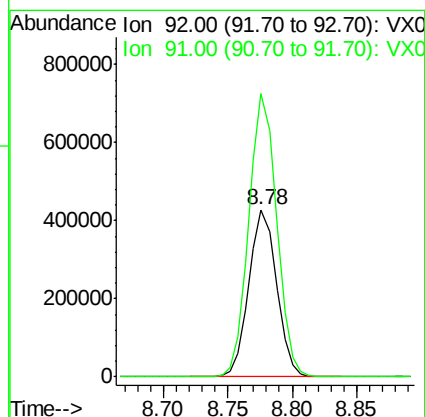
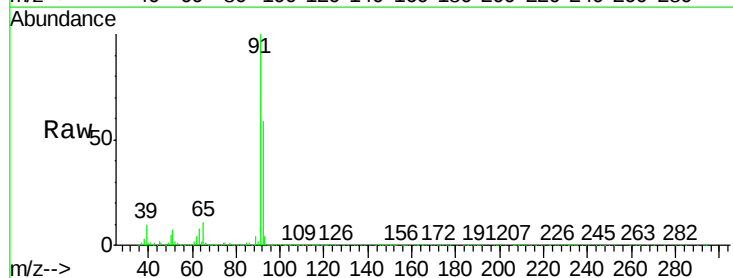
Acq: 20 Jan 2020 09:59

Tgt Ion: 92 Resp: 636103

Ion Ratio Lower Upper

92 100

91 169.6 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 53.289 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 383037

Ion Ratio Lower Upper

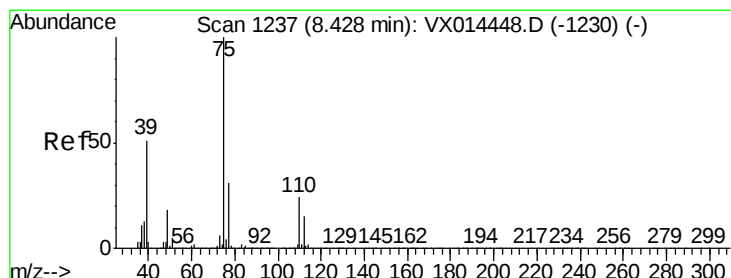
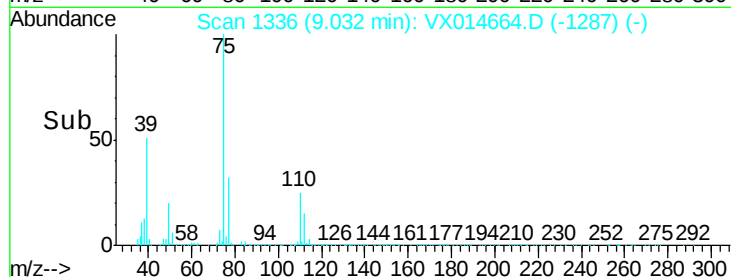
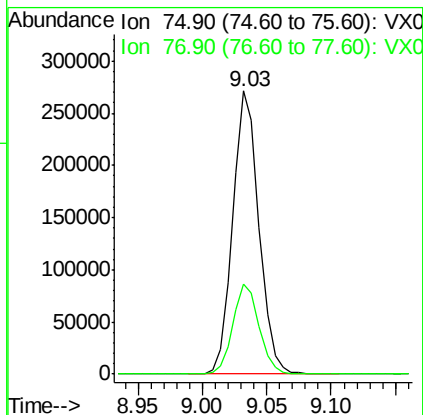
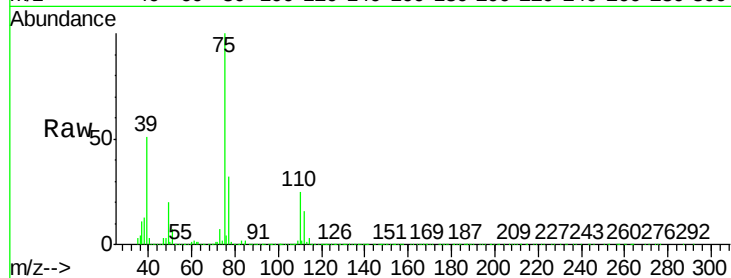
75 100

77 31.8 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 54.438 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

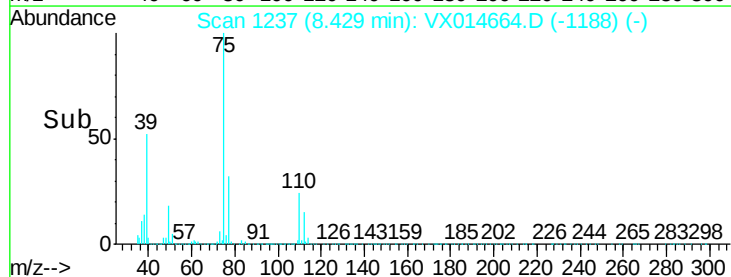
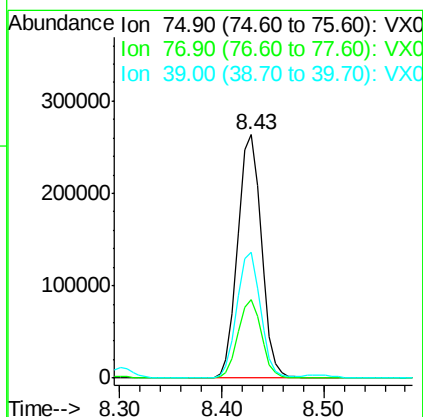
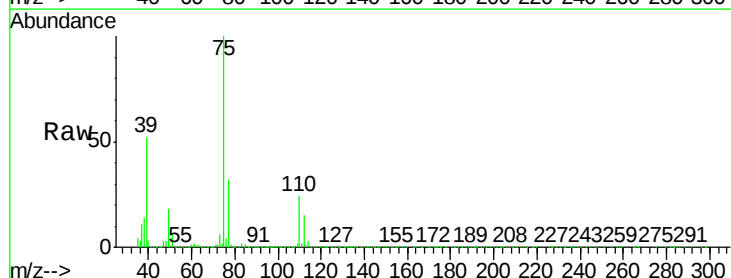
Tgt Ion: 75 Resp: 422698

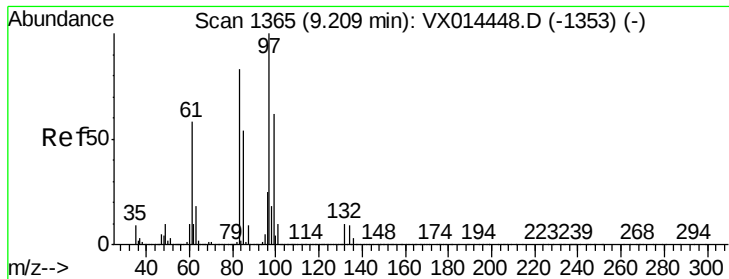
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 51.5 40.7 61.1





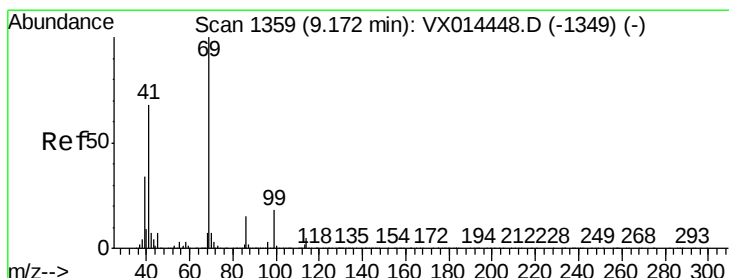
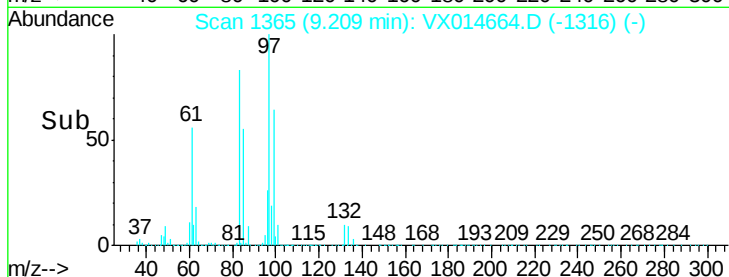
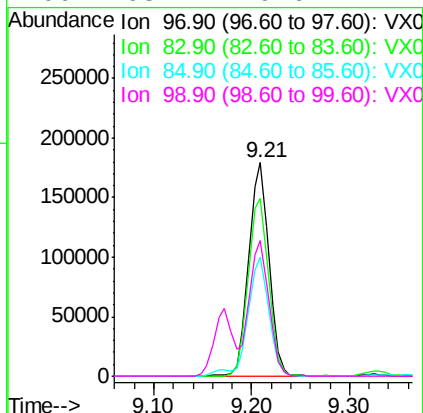
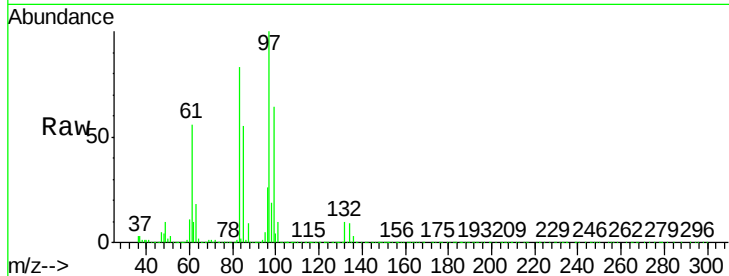
#55
 1,1,2-Trichloroethane
 Concen: 52.694 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		258348		
83	82.9	66.4	99.6		
85	55.4	43.4	65.2		
99	63.7	49.6	74.4		

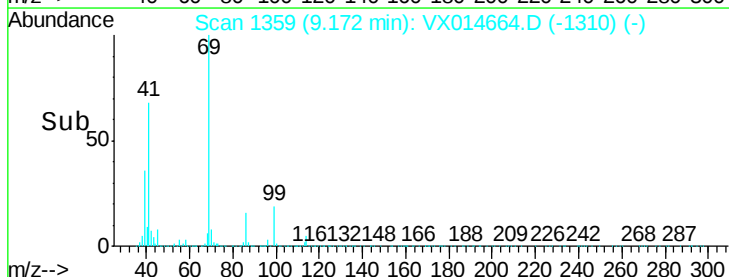
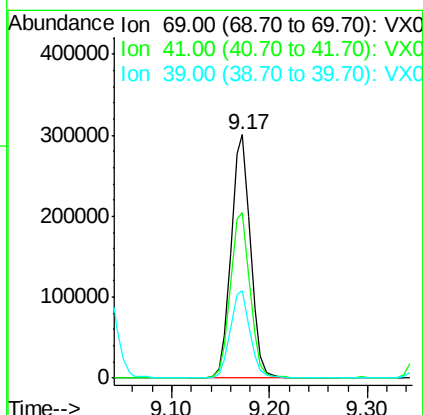
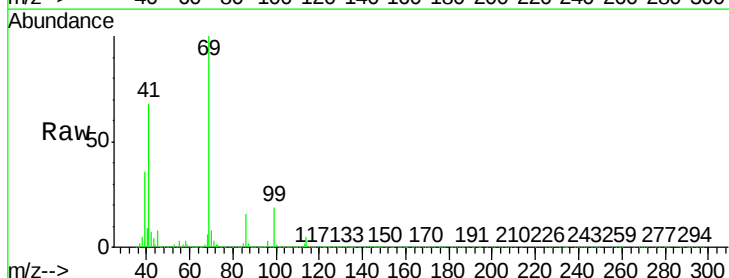
Manual Integrations
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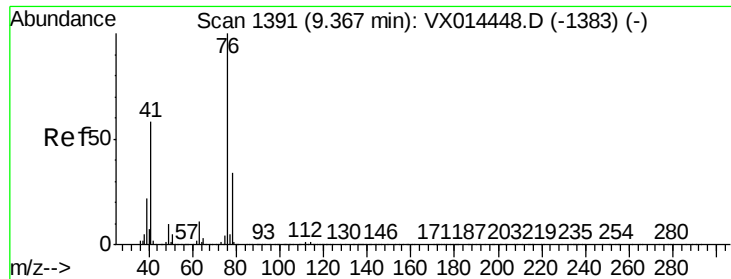
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 1/21/2020 2:14:45 PM



#56
 Ethyl methacrylate
 Concen: 54.866 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		412113		
41	68.9	54.2	81.2		
39	36.4	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 53.379 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 437573

Ion Ratio Lower Upper

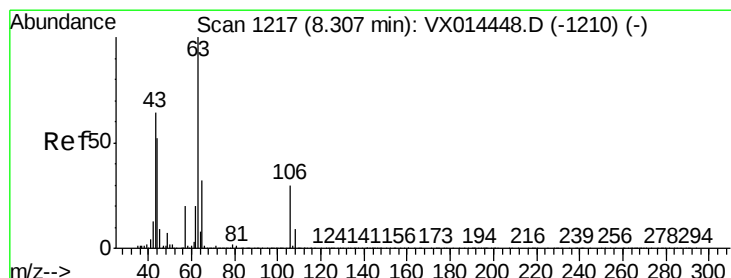
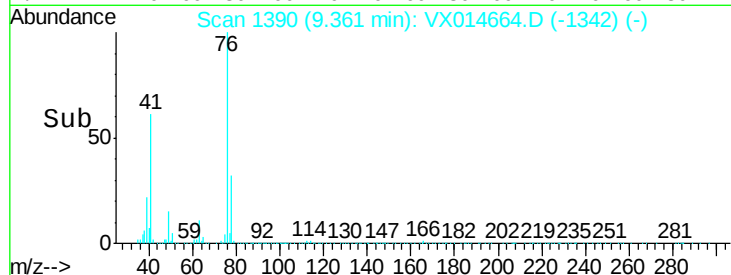
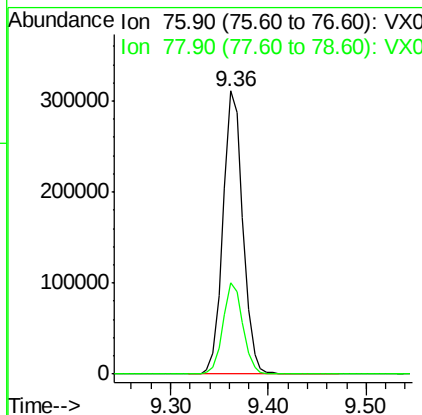
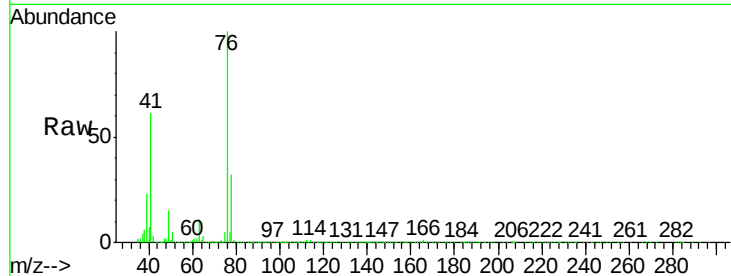
76 100

78 32.2 26.4 39.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 307.256 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014664.D

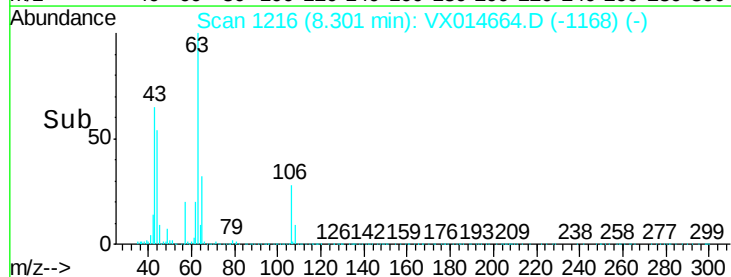
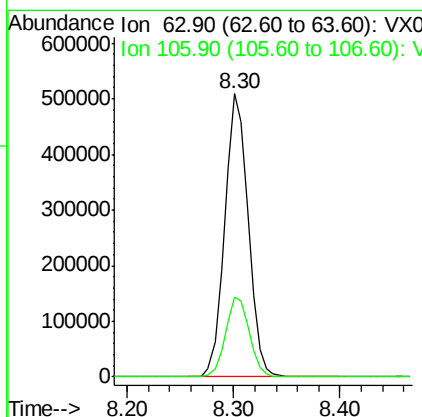
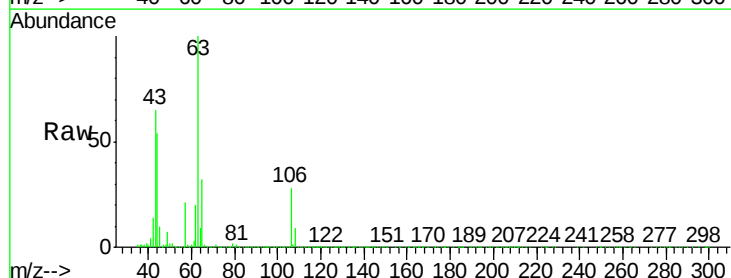
Acq: 20 Jan 2020 09:59

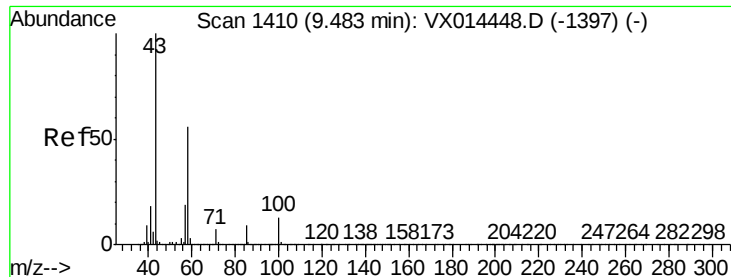
Tgt Ion: 63 Resp: 785221

Ion Ratio Lower Upper

63 100

106 28.6 23.6 35.4





#59

2-Hexanone

Concen: 281.565 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1530437

Ion Ratio Lower Upper

43 100

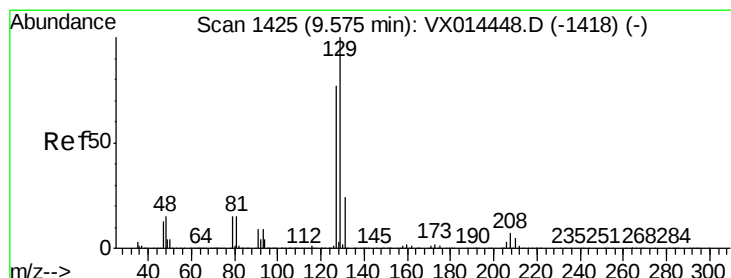
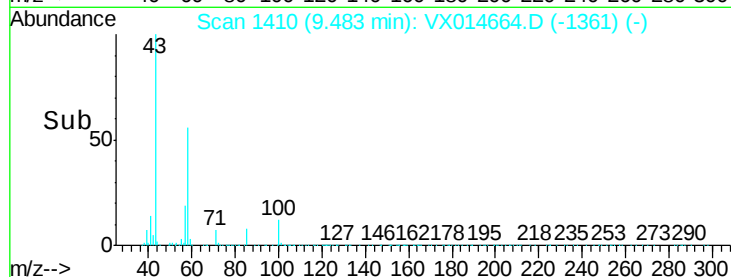
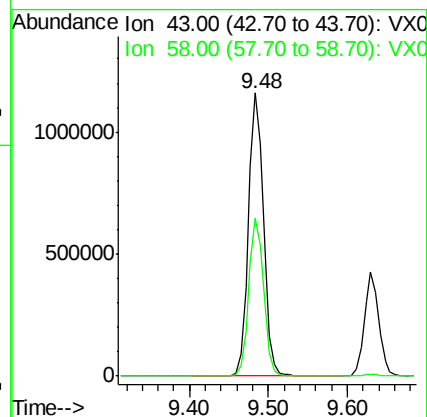
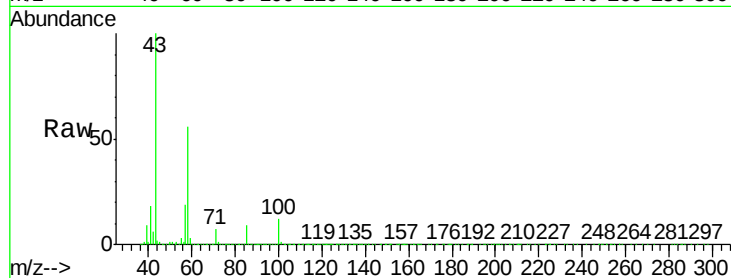
58 55.2 27.9 83.7

Manual Integrations

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#60

Dibromochloromethane

Concen: 56.203 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014664.D

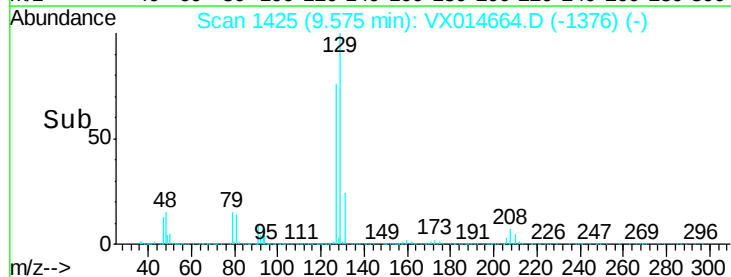
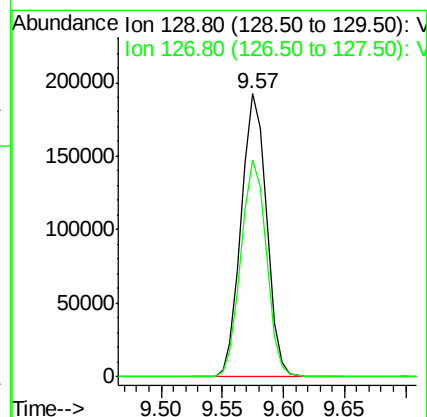
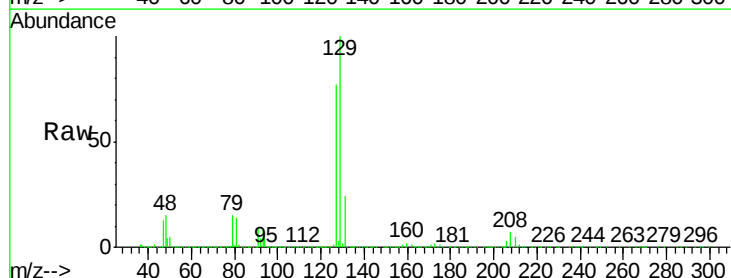
Acq: 20 Jan 2020 09:59

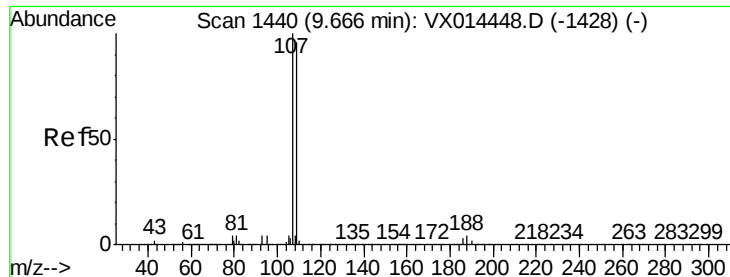
Tgt Ion:129 Resp: 276963

Ion Ratio Lower Upper

129 100

127 77.0 38.6 116.0





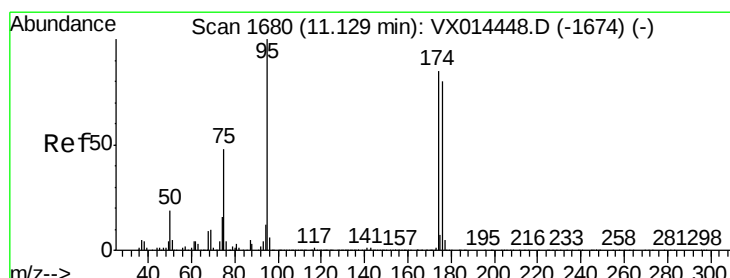
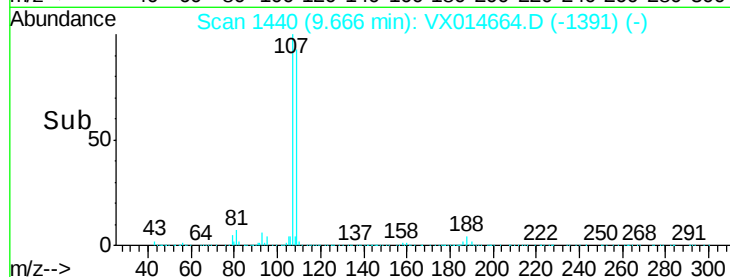
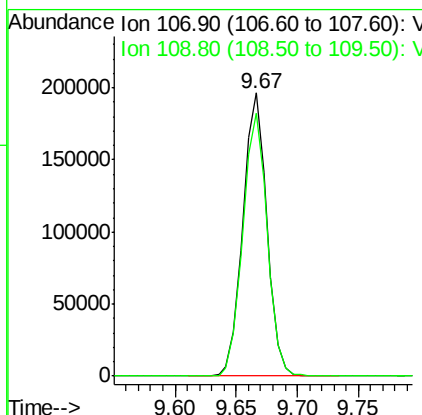
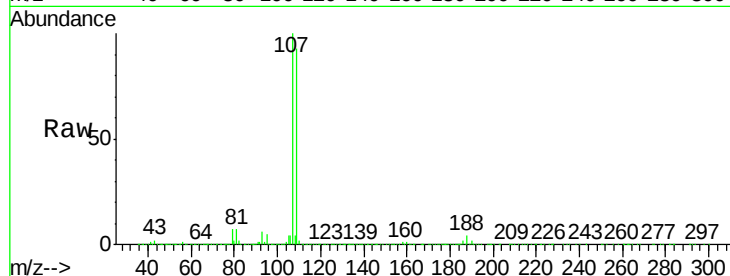
#61
 1,2-Dibromoethane
 Concen: 51.373 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	76.5	114.7

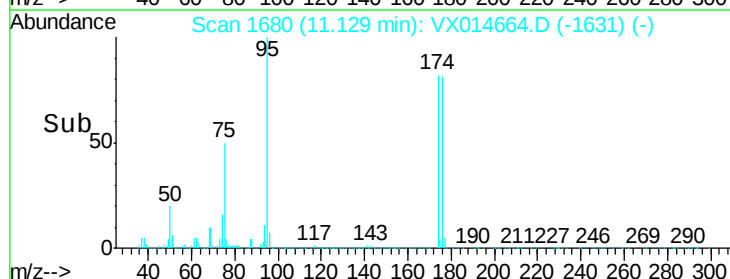
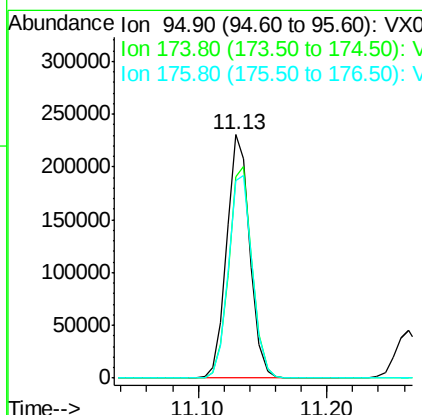
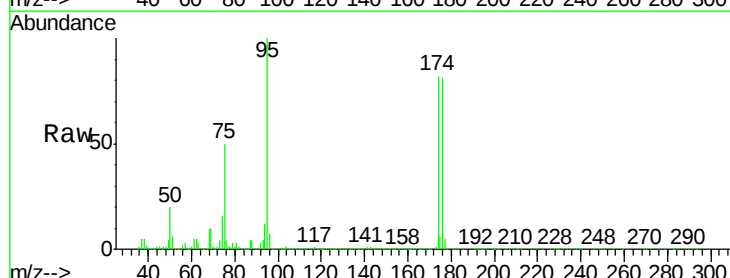
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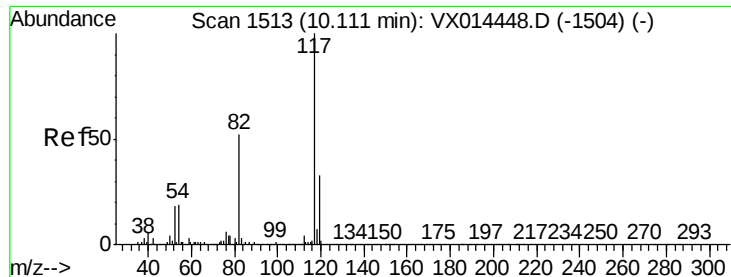
MMDadoda
 1/21/2020 2:14:45 PM



#62
 4-Bromofluorobenzene
 Concen: 49.350 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	180.8
176	86.4	0.0	172.8





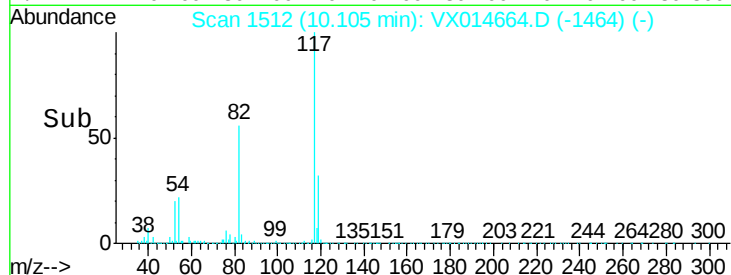
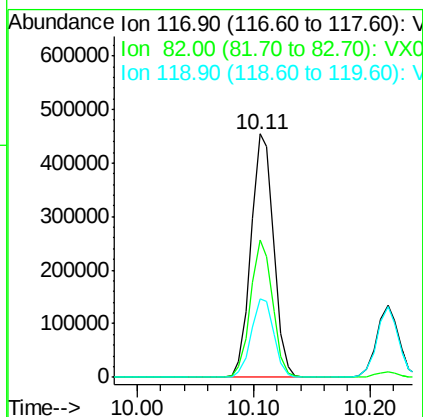
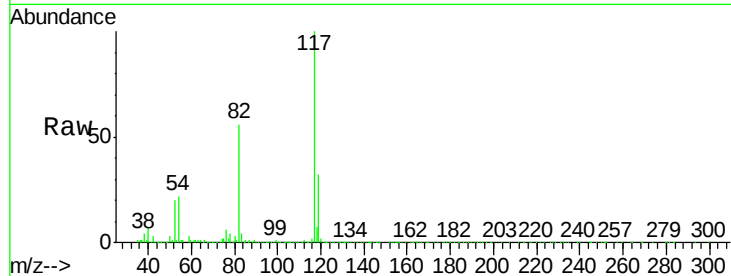
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	617562		
82	56.3		41.8	62.6
119	32.3		26.2	39.4

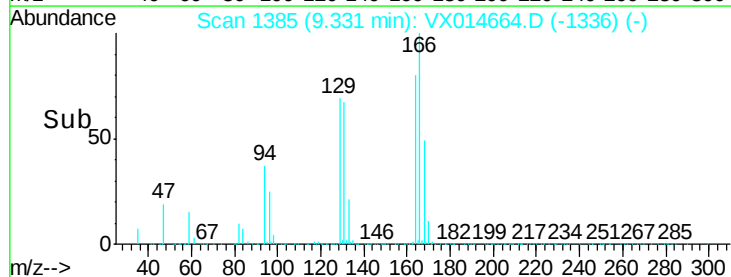
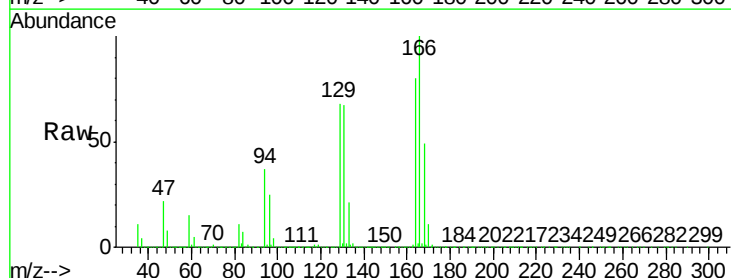
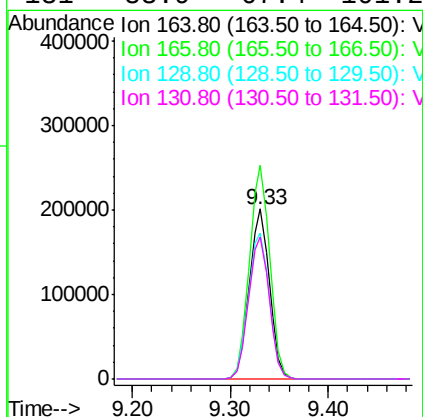
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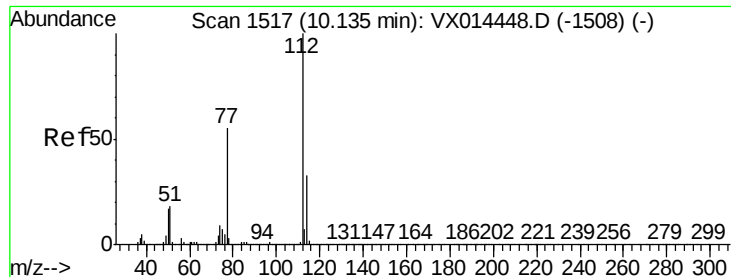
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#64
Tetrachloroethene
Concen: 46.501 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	287813		
166	125.7		101.2	151.8
129	86.0		68.3	102.5
131	83.9		67.4	101.2





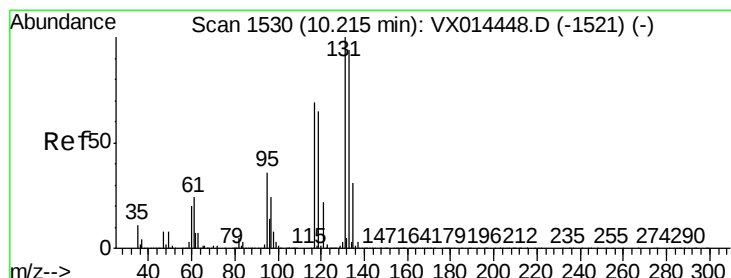
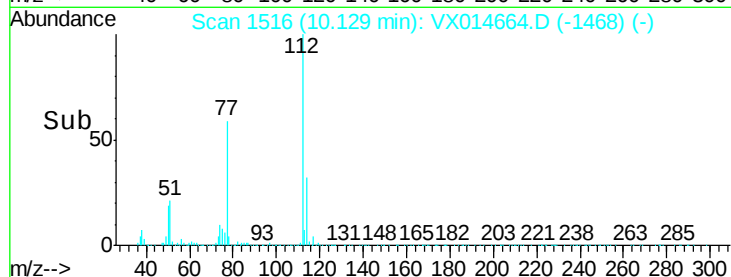
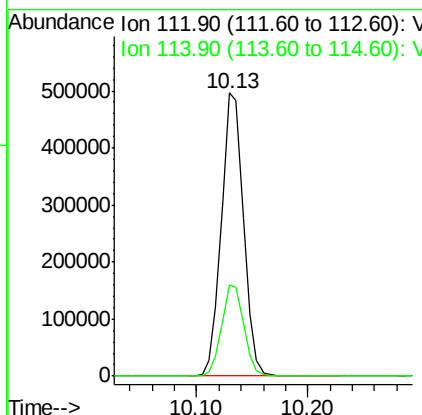
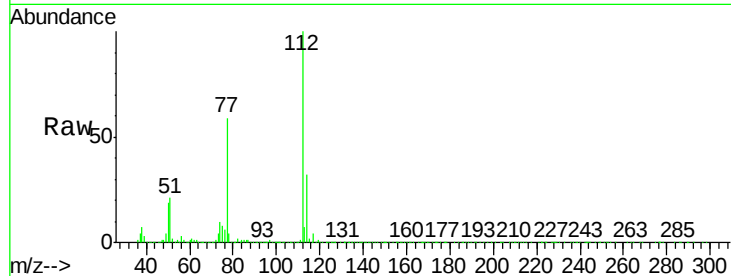
#65
Chlorobenzene
Concen: 50.987 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.2	39.4

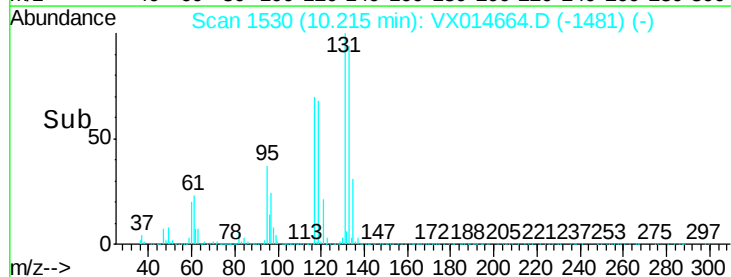
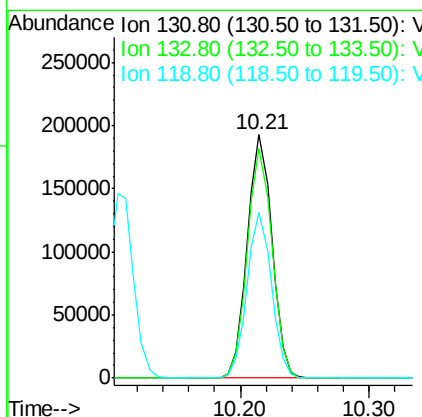
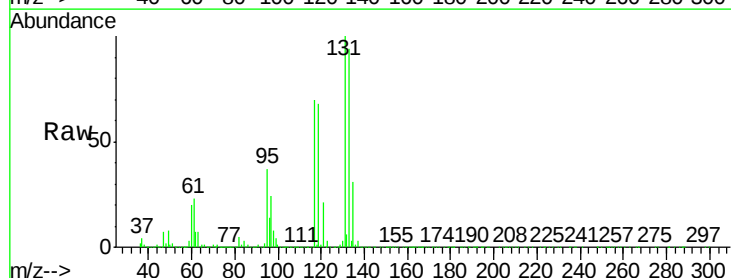
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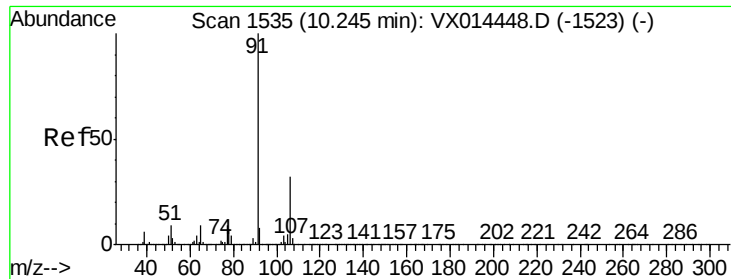
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.259 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	142.0
119	67.3	32.8	98.4





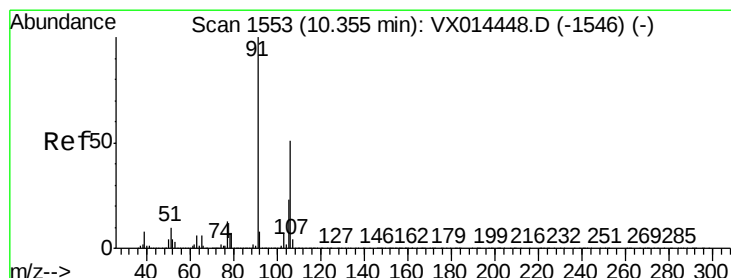
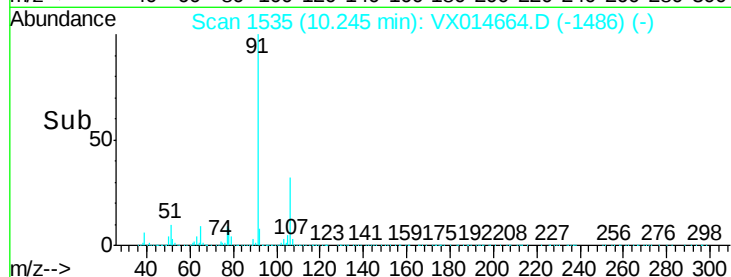
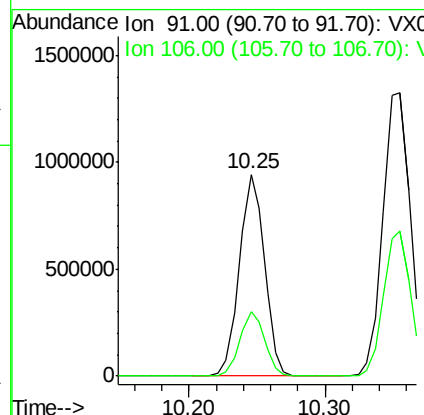
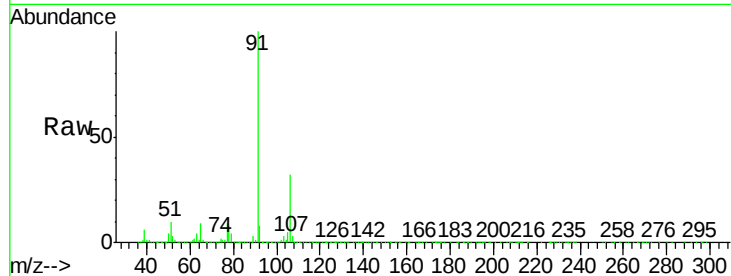
#67
Ethyl Benzene
Concen: 53.162 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1214379
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

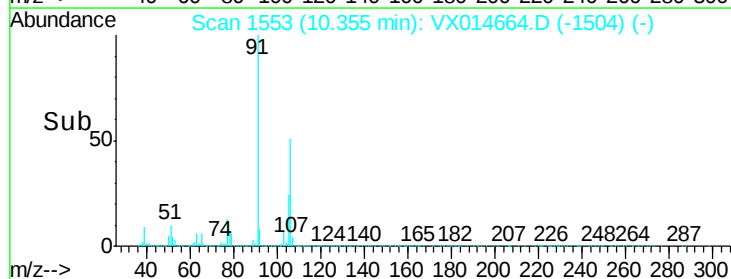
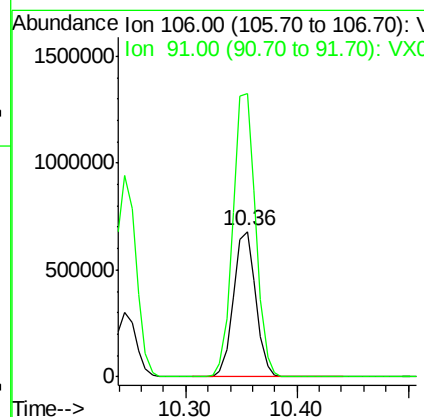
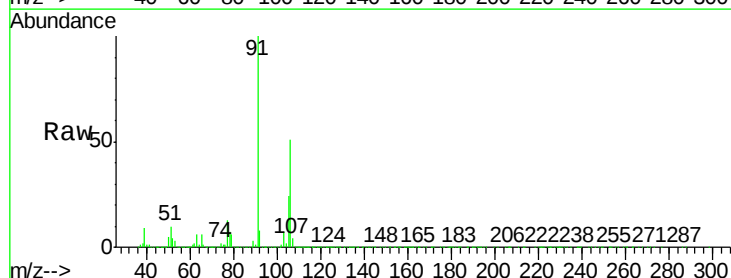
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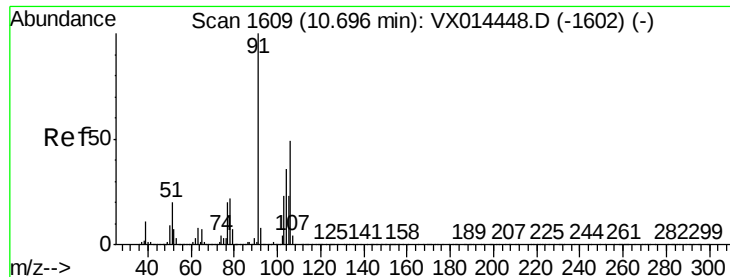
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#68
m/p-Xylenes
Concen: 105.931 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion: 106 Resp: 933542
Ion Ratio Lower Upper
106 100
91 199.8 157.4 236.0





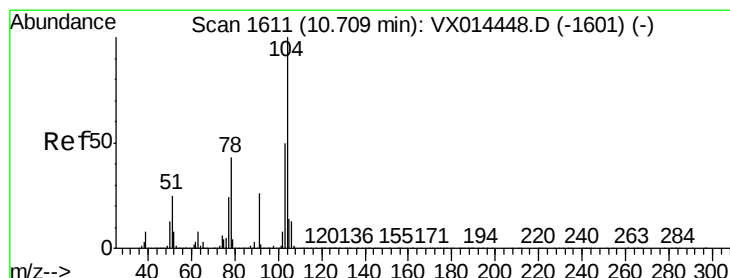
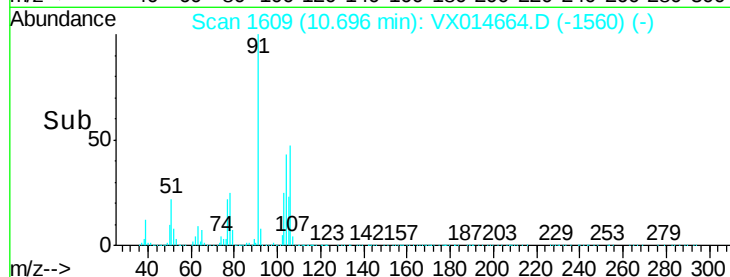
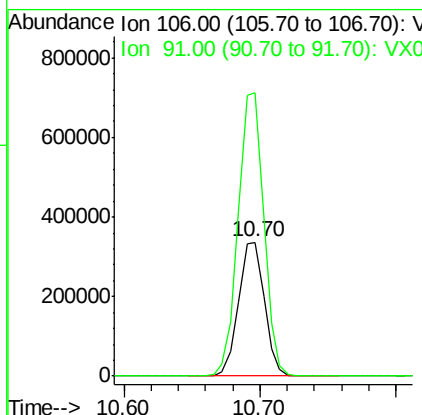
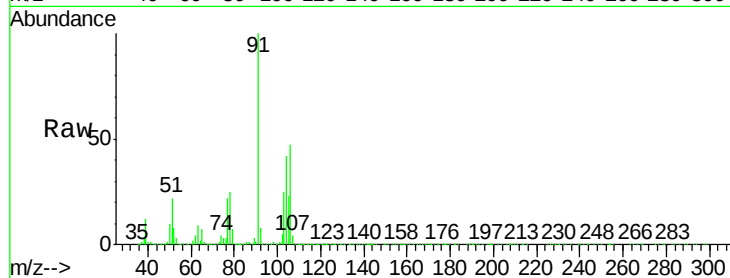
#69
o-Xylene
Concen: 52.982 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.2	105.1	315.1

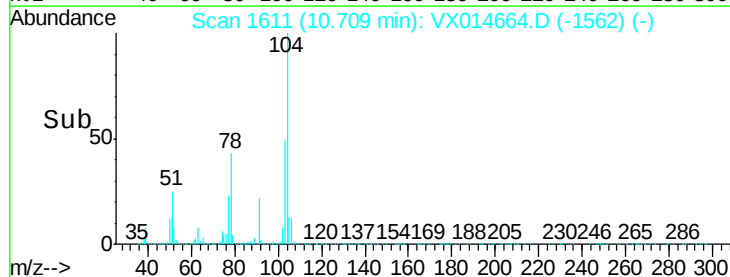
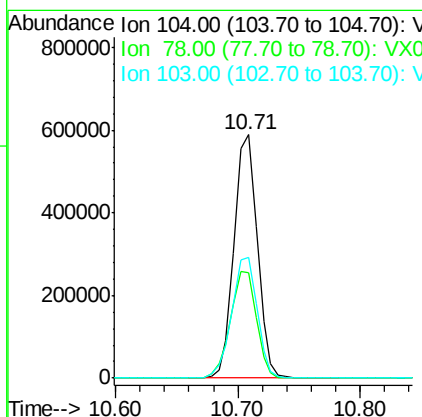
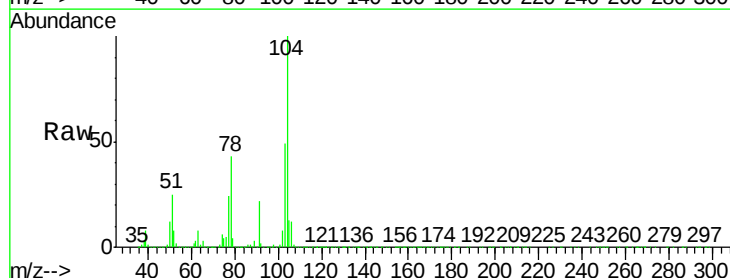
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#70
Styrene
Concen: 53.438 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.6	58.0
103	54.3	43.7	65.5





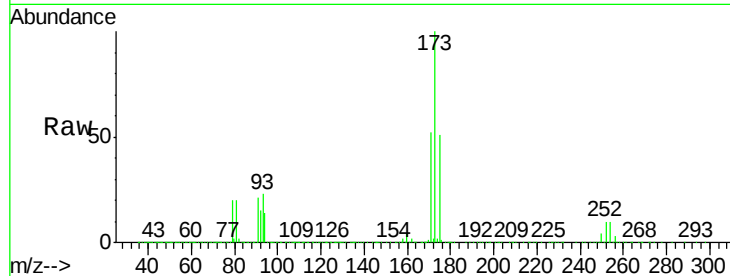
#71
Bromoform
Concen: 53.847 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

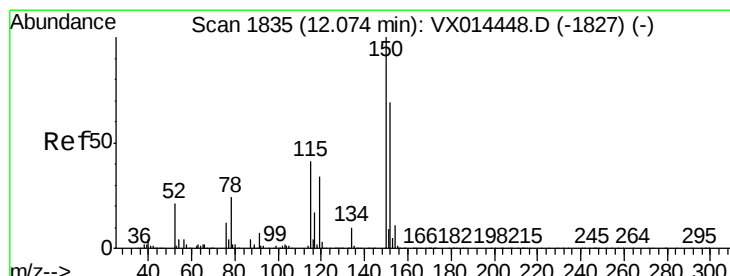
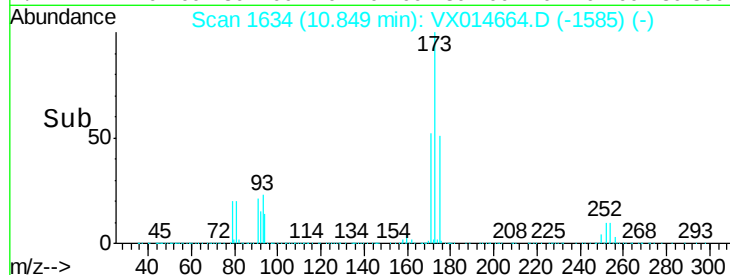
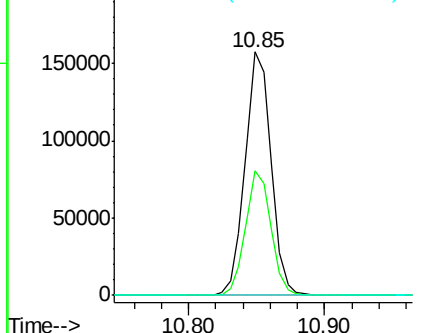
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.3	72.8
254	0.2	0.2	0.2

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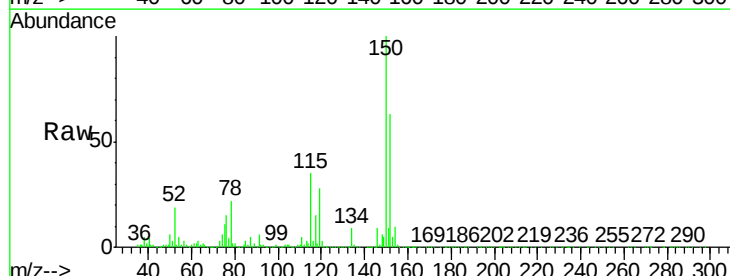


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

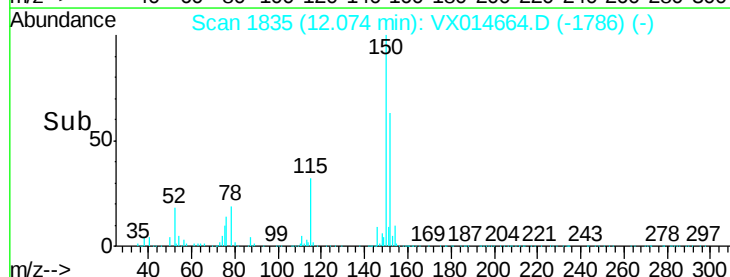
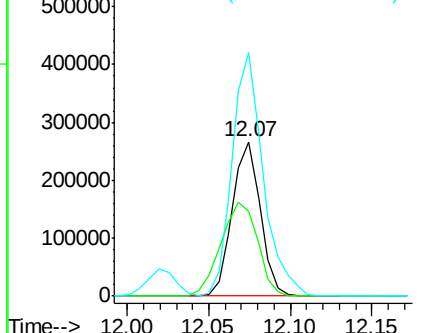


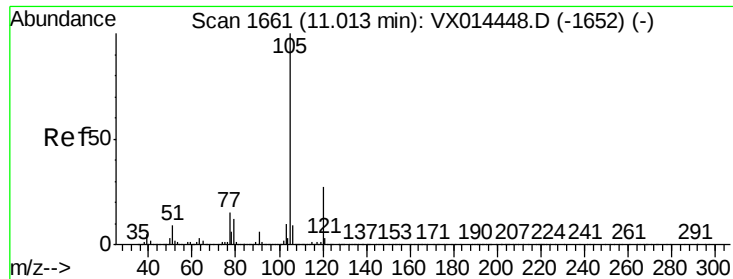
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.9	39.5	118.3
150	175.1	0.0	350.2



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: 53.789 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1200796

Ion Ratio Lower Upper

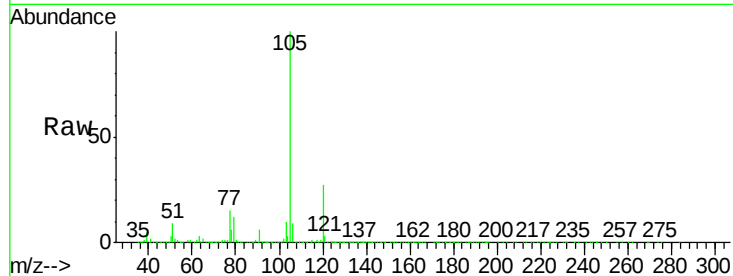
105 100

120 27.2 13.4 40.2

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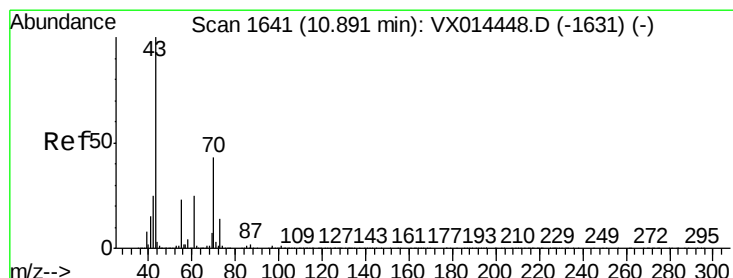
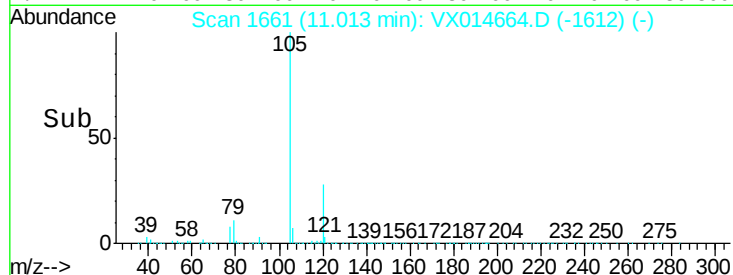
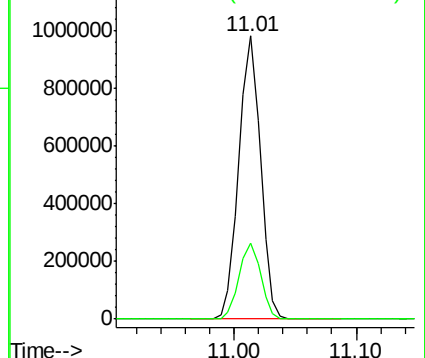
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.297 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion: 43 Resp: 534771

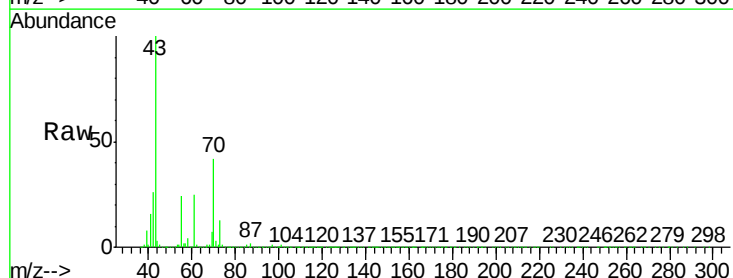
Ion Ratio Lower Upper

43 100

70 42.7 35.1 52.7

55 24.1 19.3 28.9

61 24.6 20.0 30.0

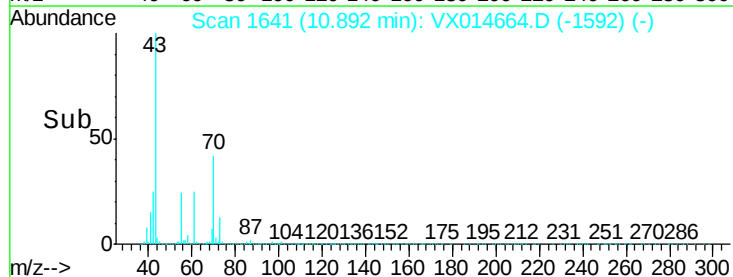
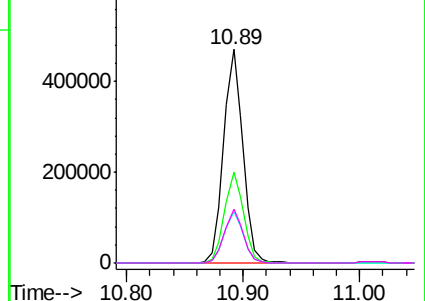


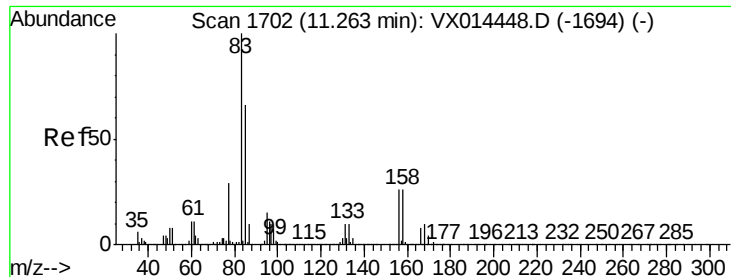
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.071 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 83 Resp: 387106

Ion Ratio Lower Upper

83 100

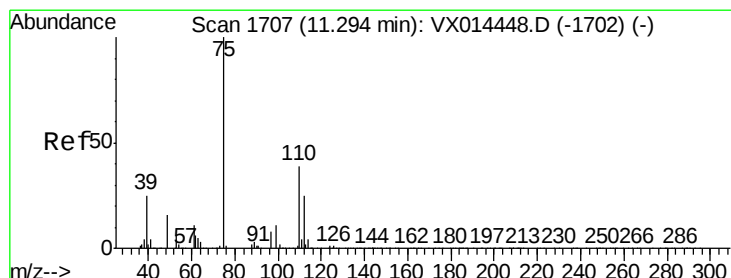
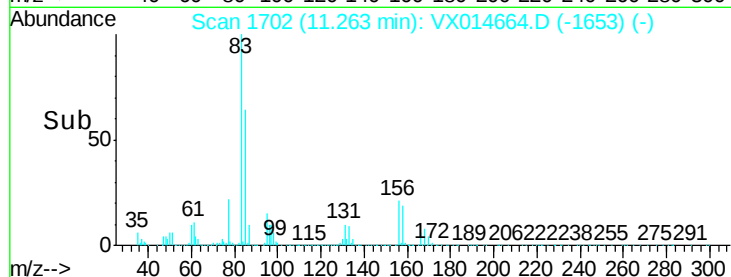
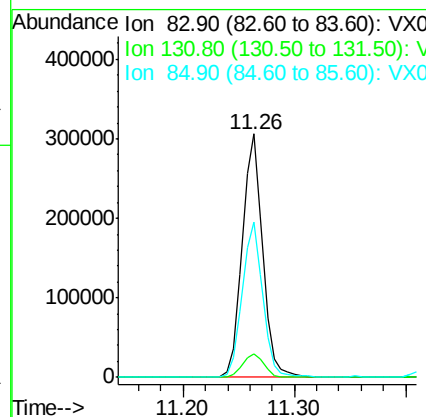
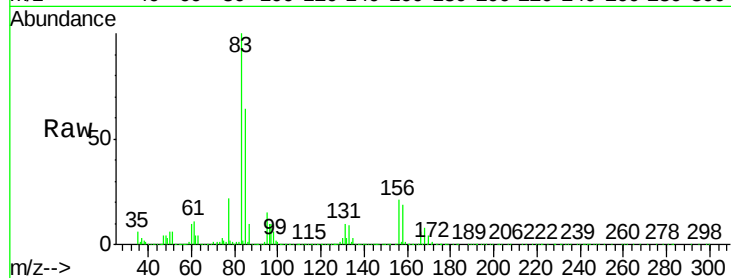
131 10.1 5.1 15.4

85 64.1 32.5 97.4

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#76

1,2,3-Trichloropropane

Concen: 49.661 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014664.D

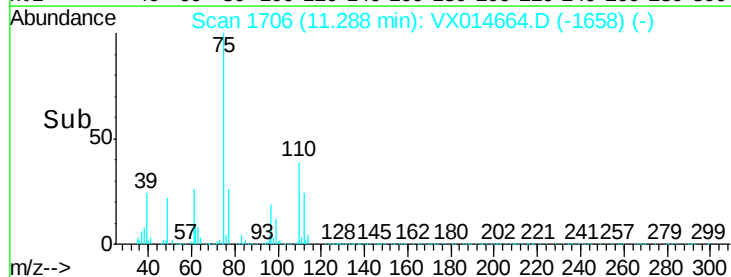
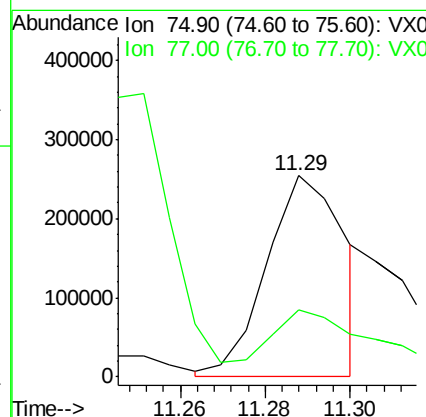
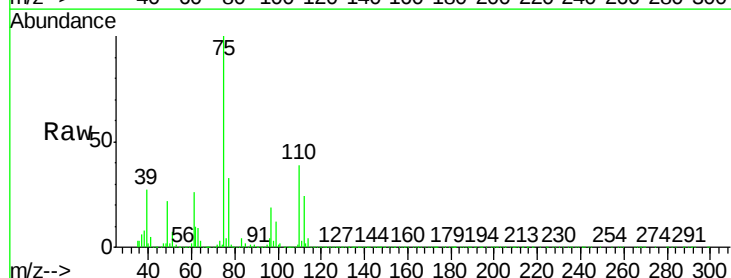
Acq: 20 Jan 2020 09:59

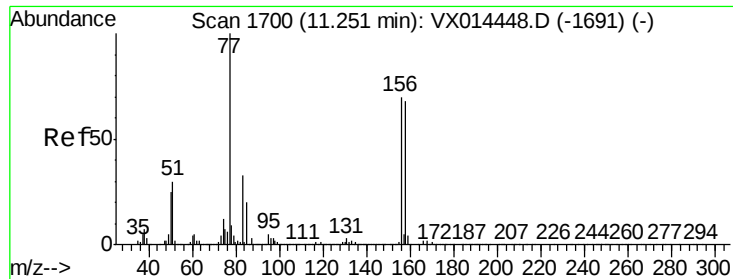
Tgt Ion: 75 Resp: 326653

Ion Ratio Lower Upper

75 100

77 45.5 21.9 65.7





#77

Bromobenzene

Concen: 49.219 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

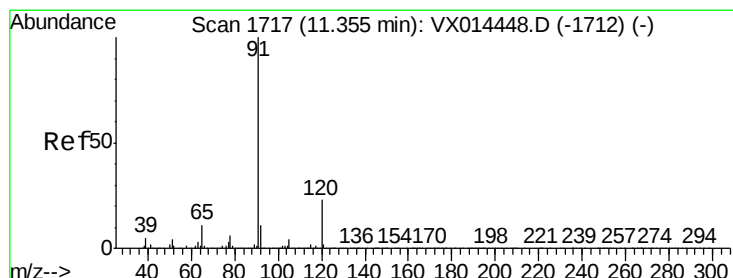
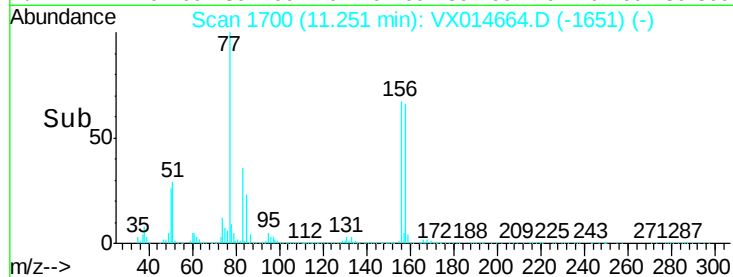
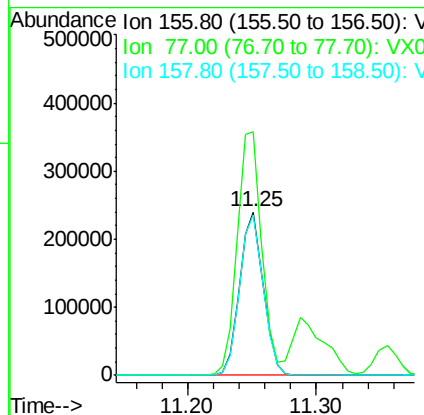
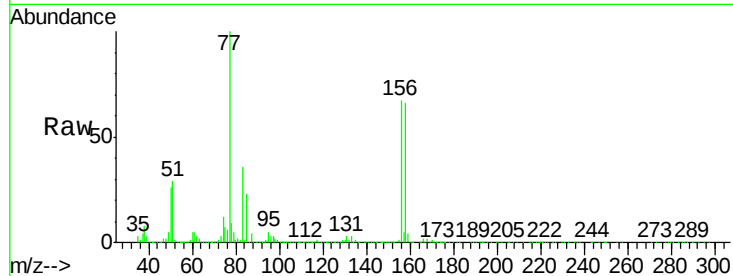
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	304713
Ion Ratio	Lower	Upper	
156	100		
77	155.6	75.4	226.3
158	98.2	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 54.389 ug/l

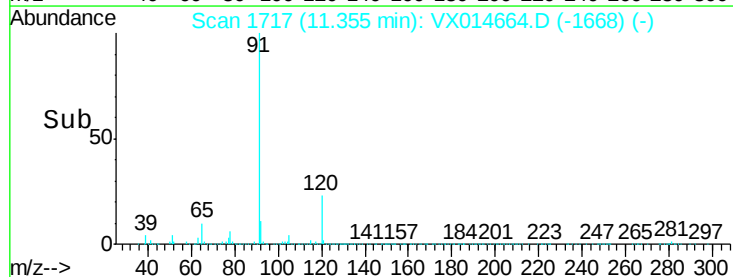
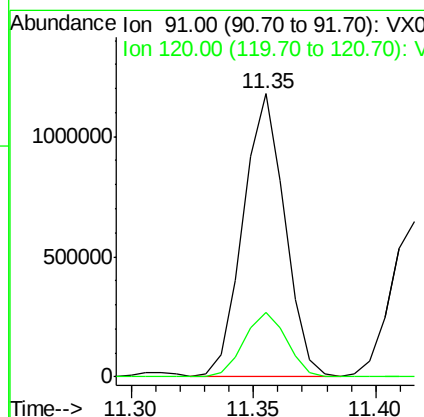
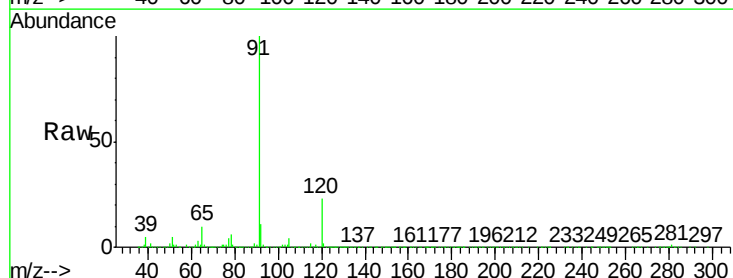
RT: 11.35 min Scan# 1717

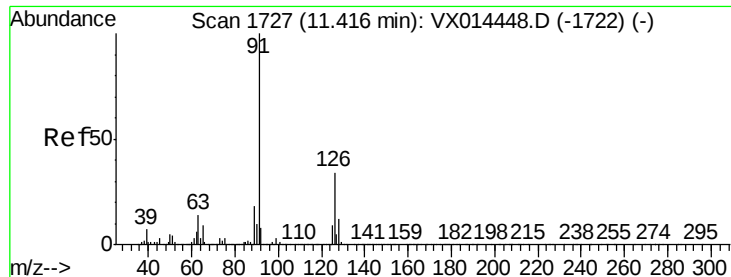
Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion:	91	Resp:	1390552
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.5





#79

2-Chlorotoluene

Concen: 52.656 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 802342

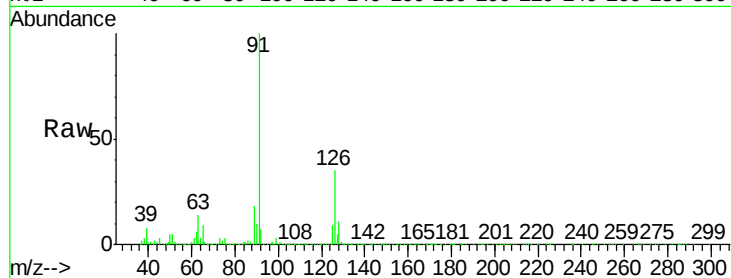
Ion Ratio Lower Upper

91 100

126 34.2 17.5 52.5

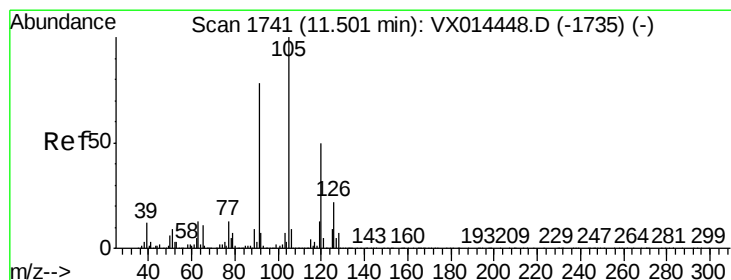
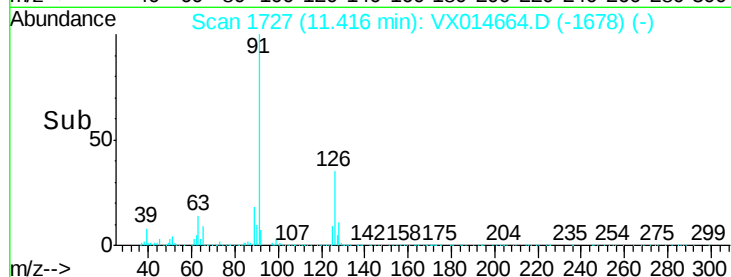
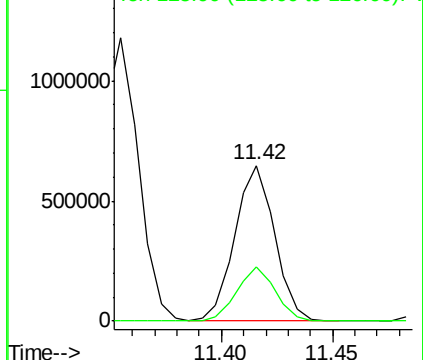
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.646 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014664.D

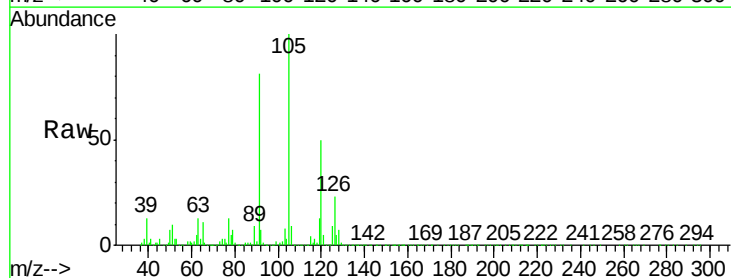
Acq: 20 Jan 2020 09:59

Tgt Ion: 105 Resp: 1012819

Ion Ratio Lower Upper

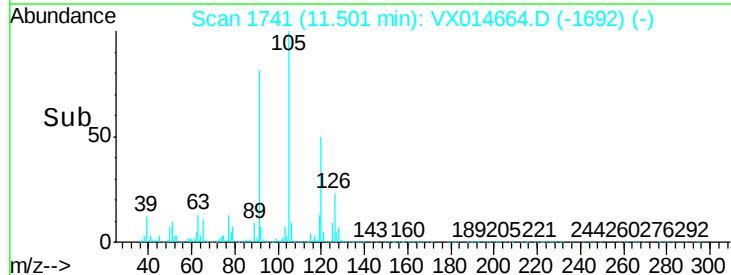
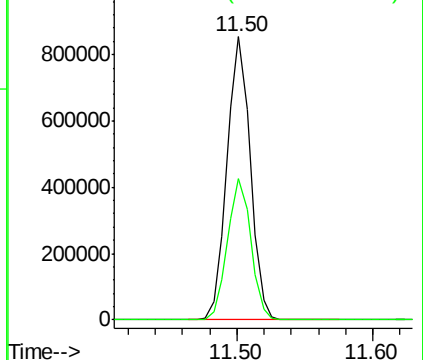
105 100

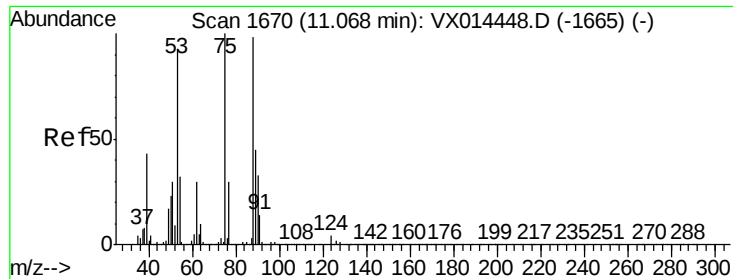
120 50.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





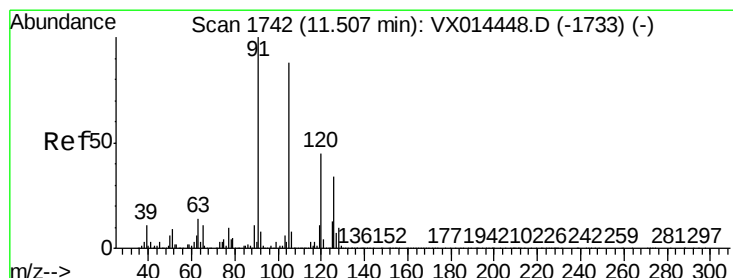
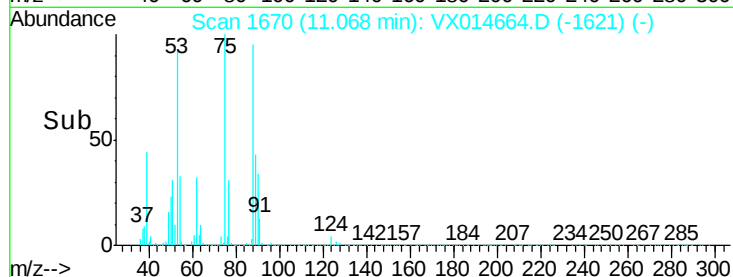
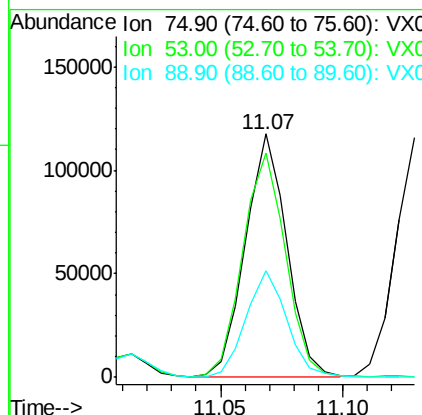
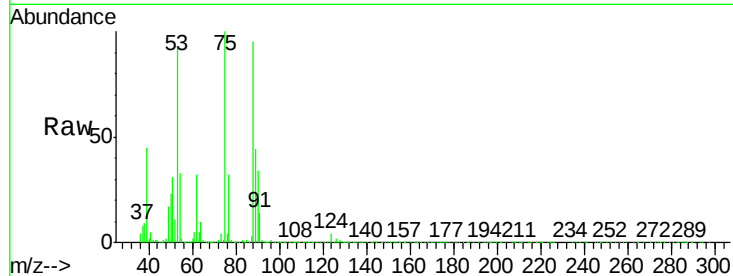
#81
trans-1,4-Dichloro-2-butene
Concen: 55.426 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.2	74.8	112.2
89	43.9	36.3	54.5

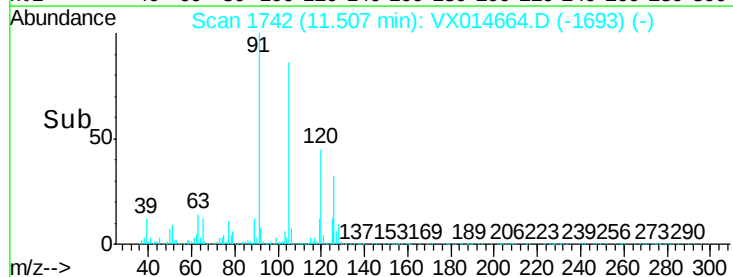
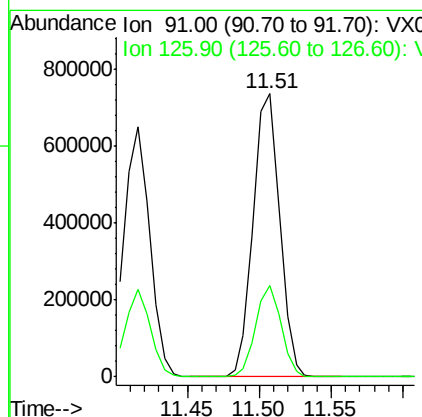
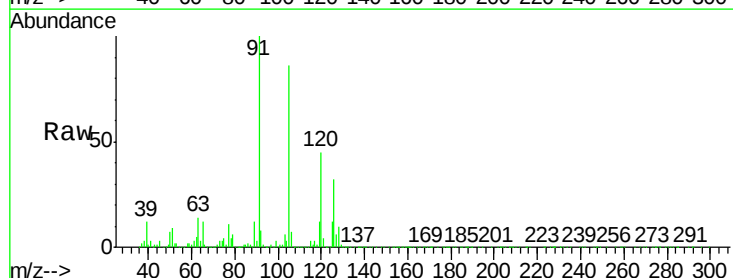
Manual Integrations
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#82
4-Chlorotoluene
Concen: 52.382 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.9	47.7





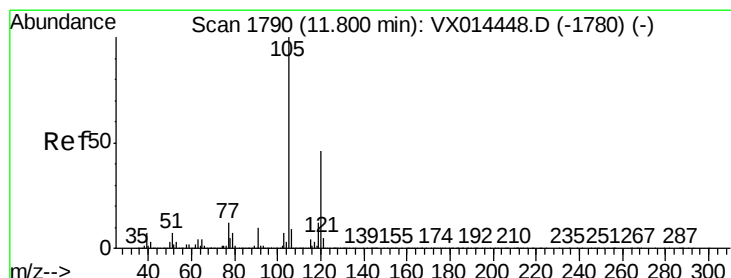
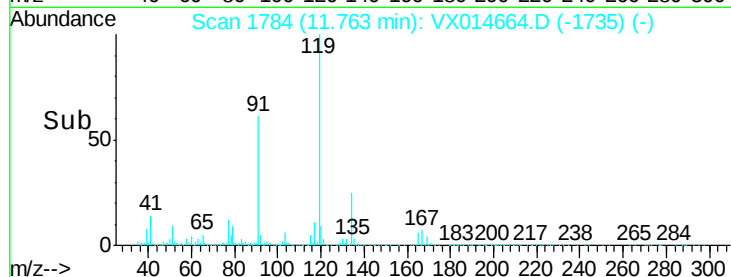
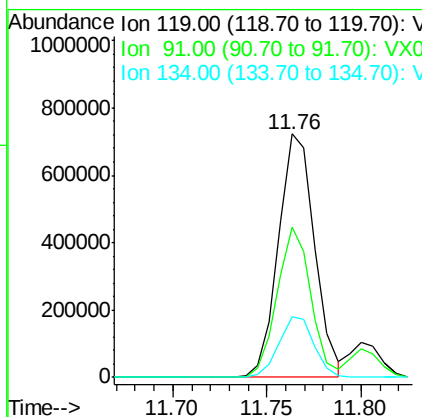
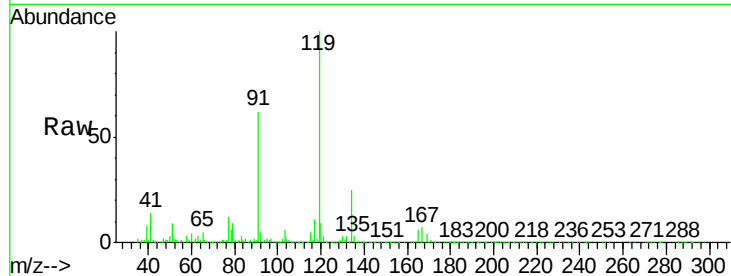
#83
tert-Butylbenzene
Concen: 54.836 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	29.3	88.0
134	24.2	12.4	37.4

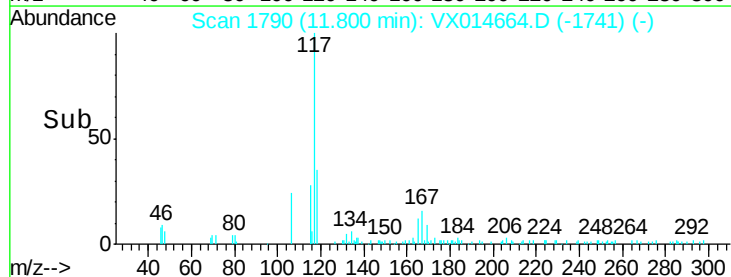
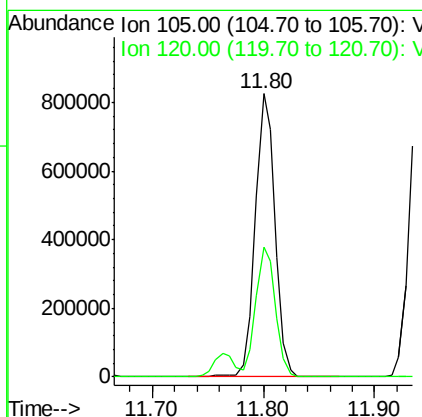
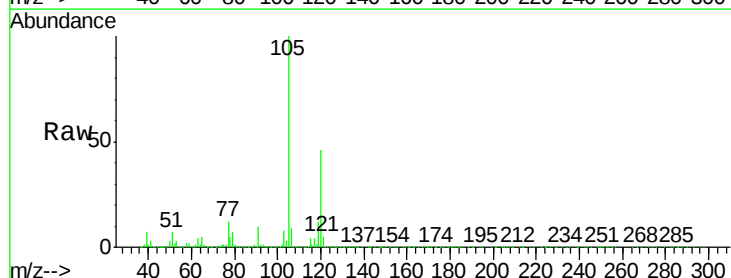
Manual Integrations
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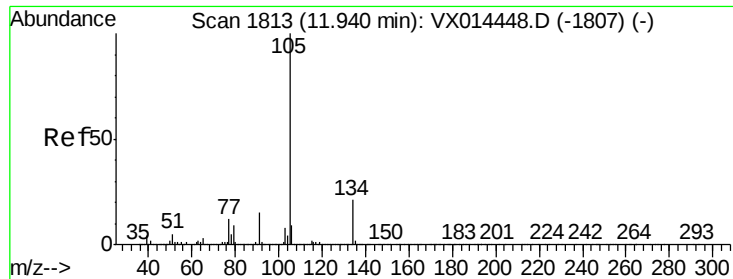
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#84
1,2,4-Trimethylbenzene
Concen: 54.238 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 54.299 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1182107

Ion Ratio Lower Upper

105 100

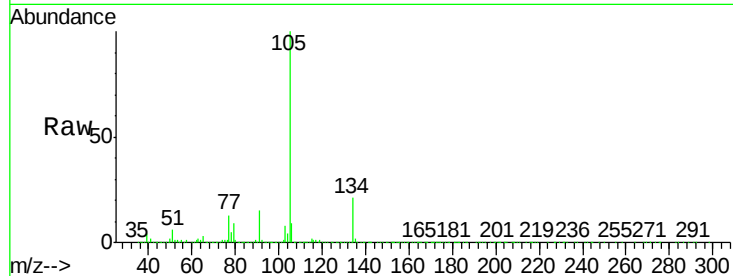
134 20.8 10.5 31.5

Manual Integrations

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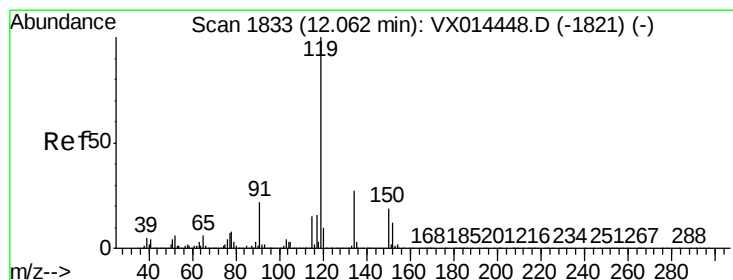
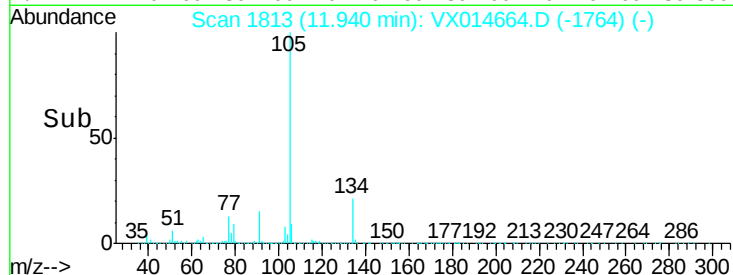
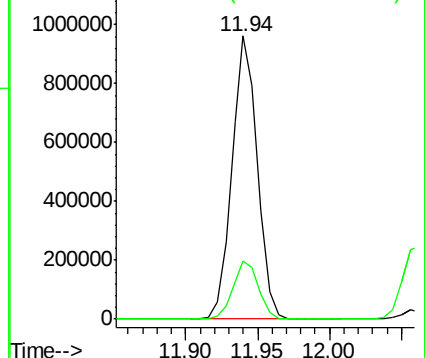
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.361 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

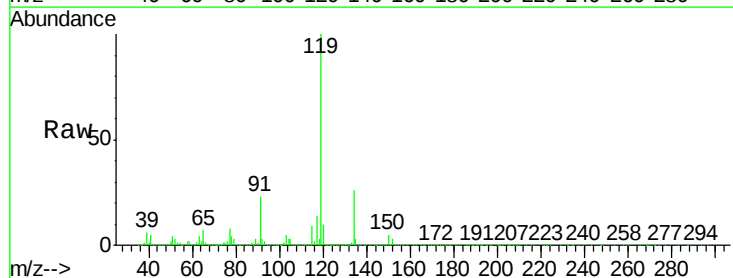
Tgt Ion:119 Resp: 1098197

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

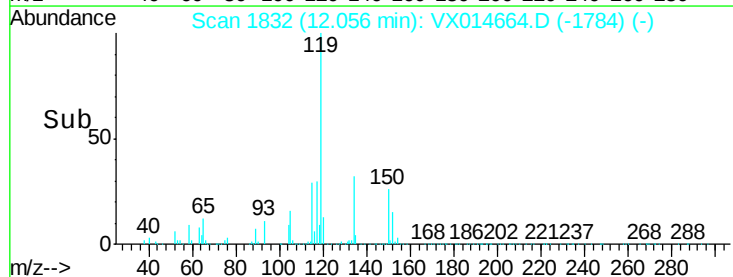
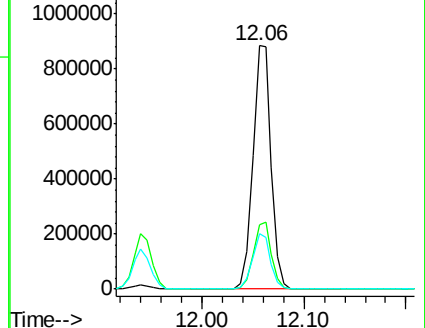
91 22.4 11.1 33.3

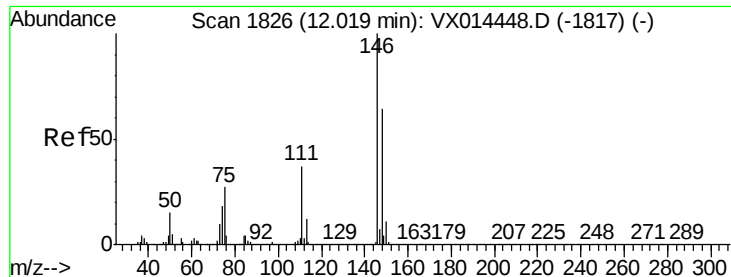


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





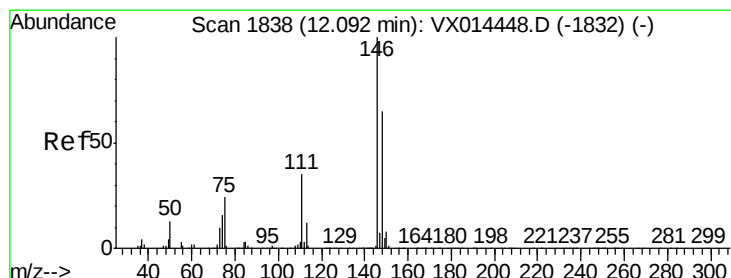
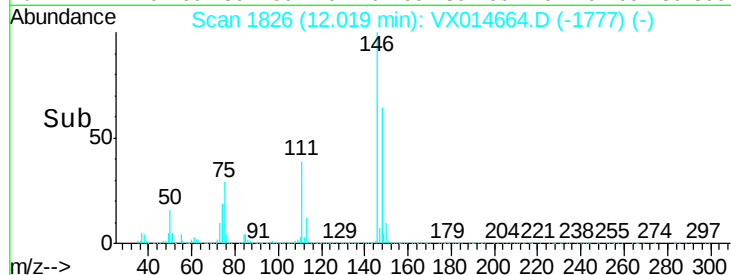
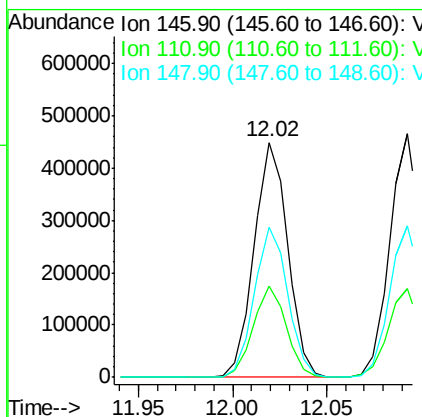
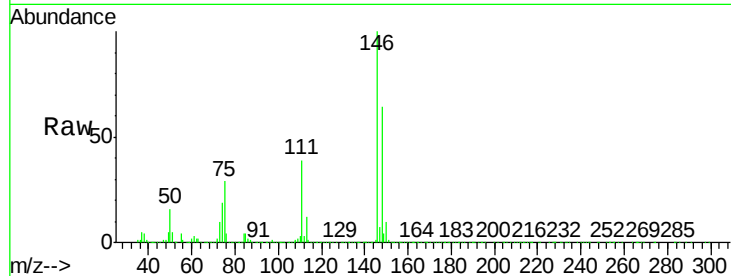
#87
 1,3-Dichlorobenzene
 Concen: 50.095 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	63.8	32.2	96.6

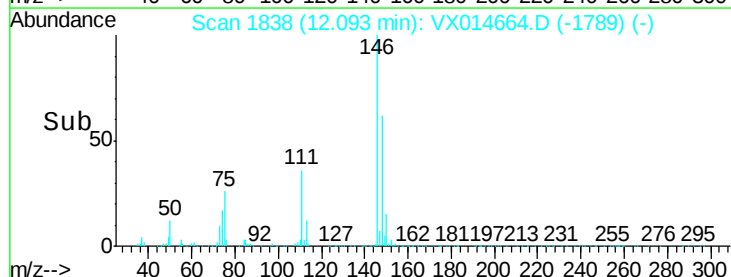
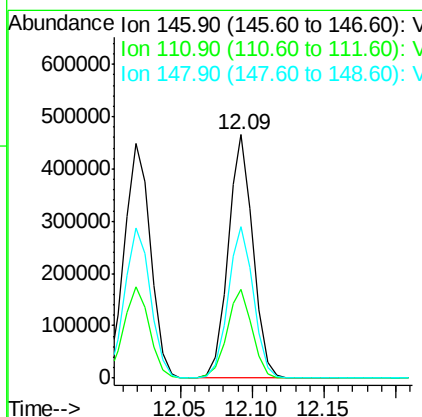
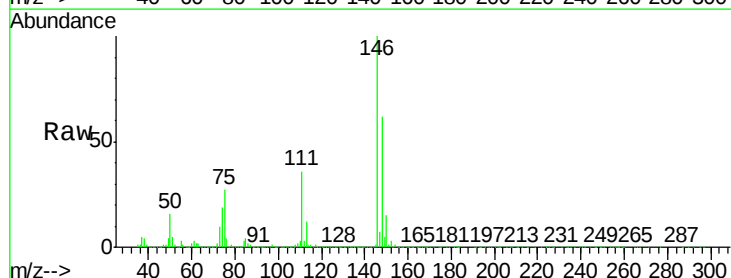
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#88
 1,4-Dichlorobenzene
 Concen: 53.715 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	63.9	32.1	96.3





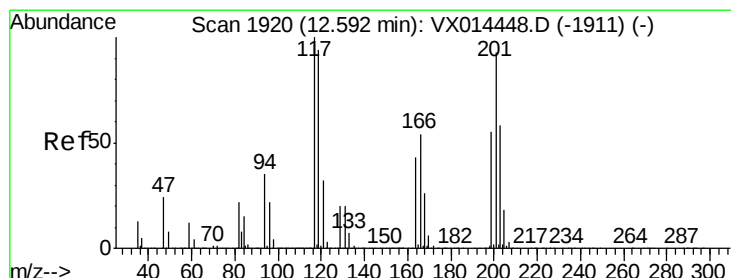
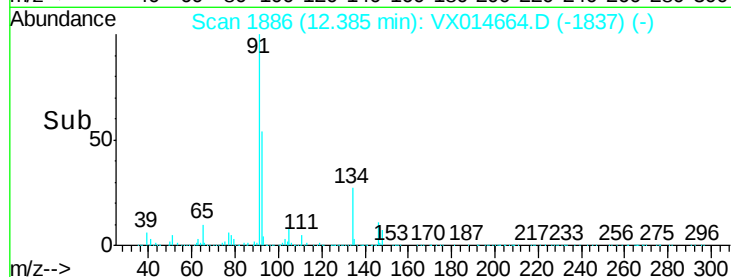
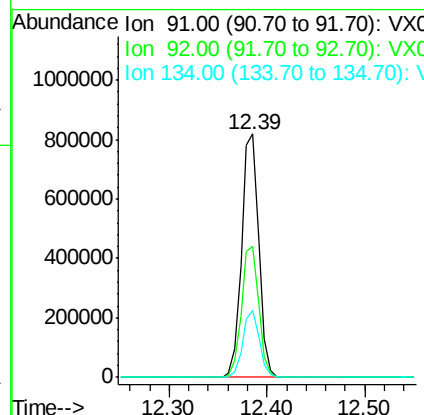
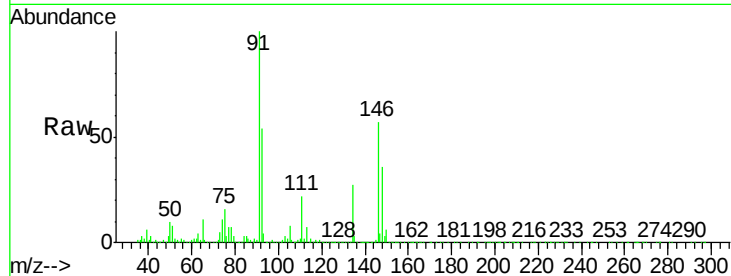
#89
n-Butylbenzene
Concen: 53.583 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	26.5	13.9	41.7

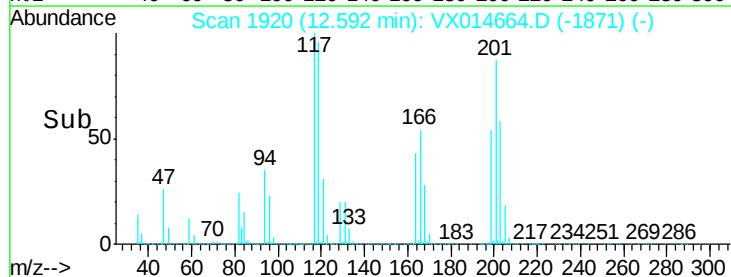
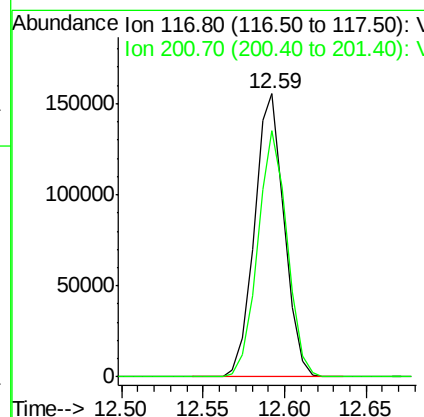
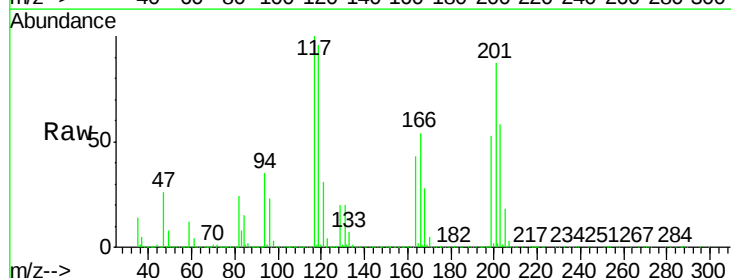
Manual Integrations
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#90
Hexachloroethane
Concen: 55.420 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	44.8	134.3





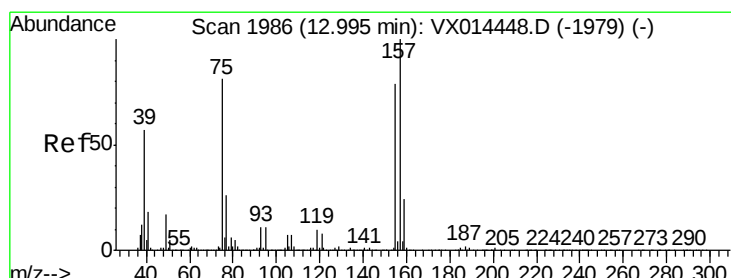
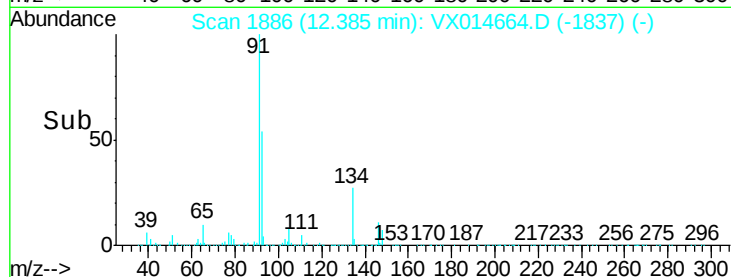
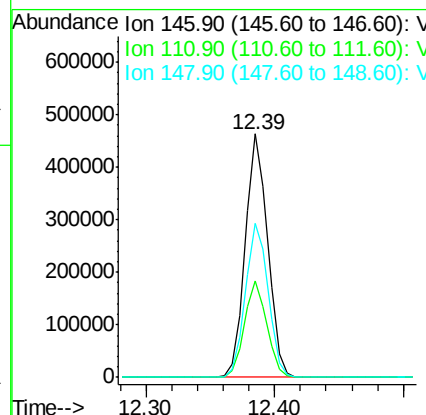
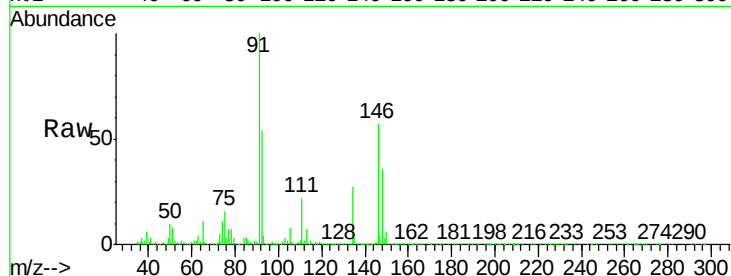
#91
 1,2-Dichlorobenzene
 Concen: 51.091 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	556154		
111	39.5	19.8	59.4	
148	64.1	32.3	96.8	

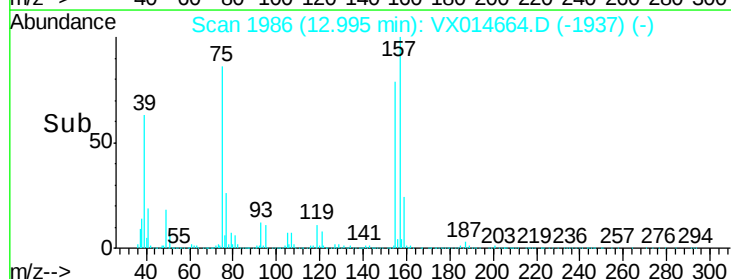
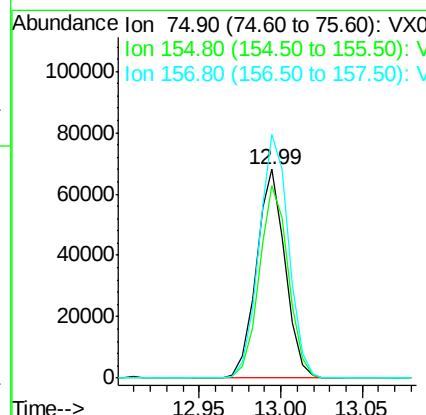
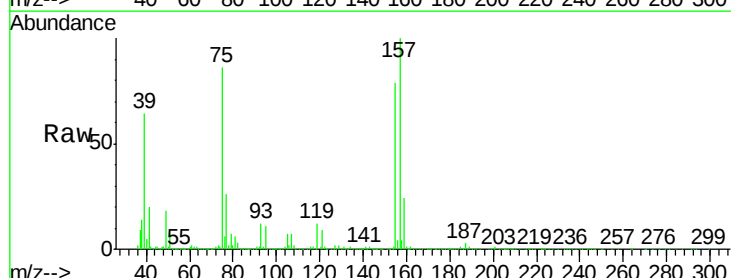
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.475 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	82894		
155	93.3	48.7	146.1	
157	120.6	62.0	185.9	





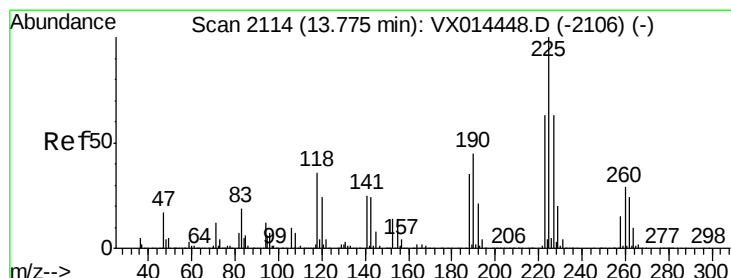
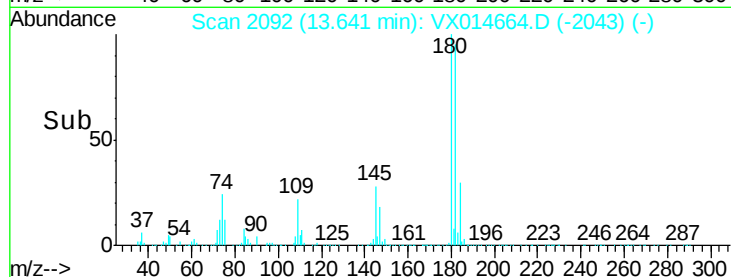
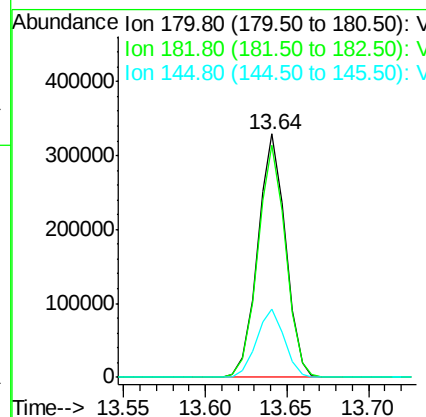
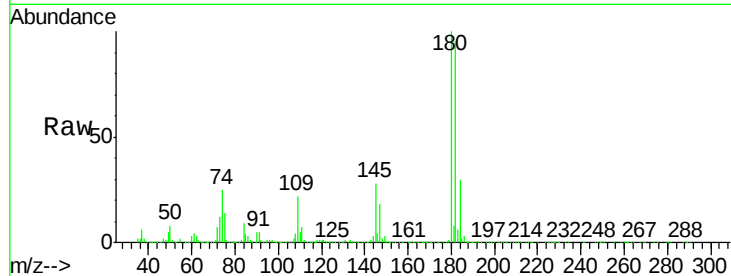
#93
1,2,4-Trichlorobenzene
Concen: 50.960 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.5
145	28.3	13.9	41.6

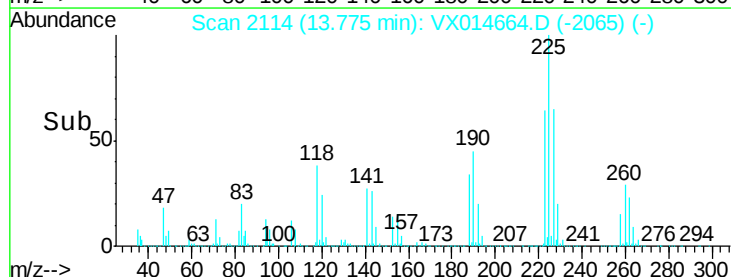
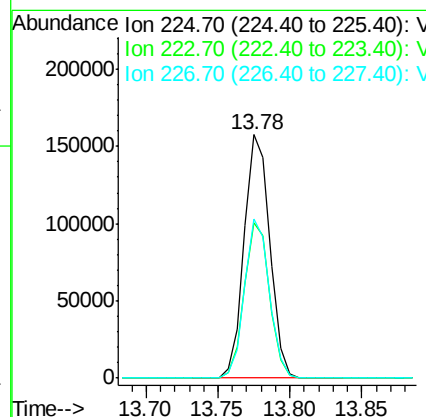
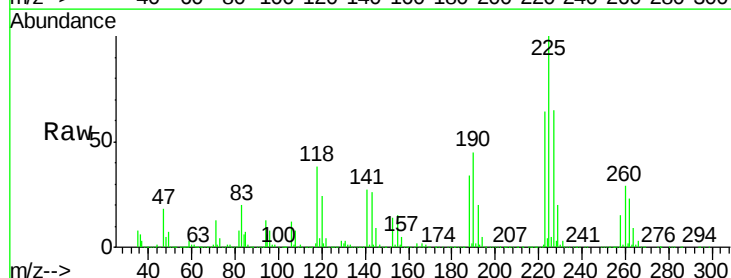
Manual Integrations
APPROVED

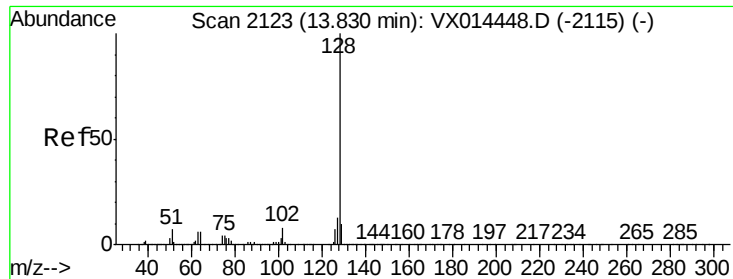
MMDadoda
1/21/2020 2:14:45 PM



#94
Hexachlorobutadiene
Concen: 54.628 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.2
227	63.1	31.4	94.2





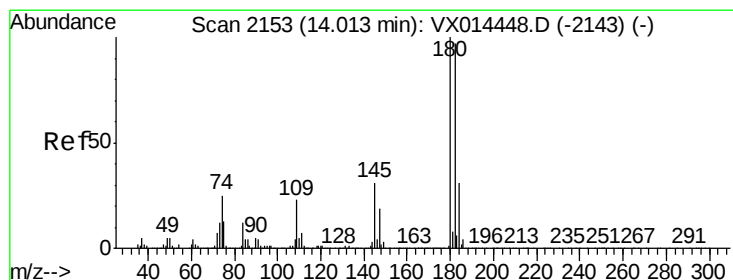
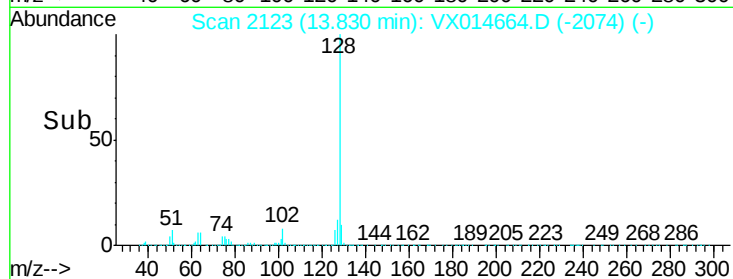
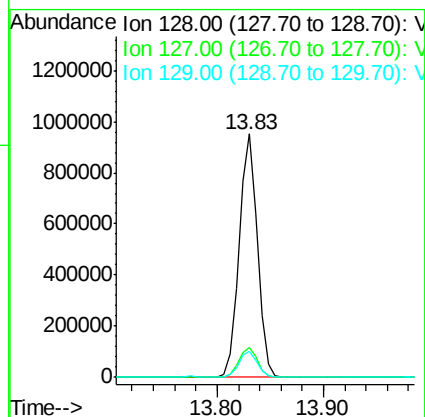
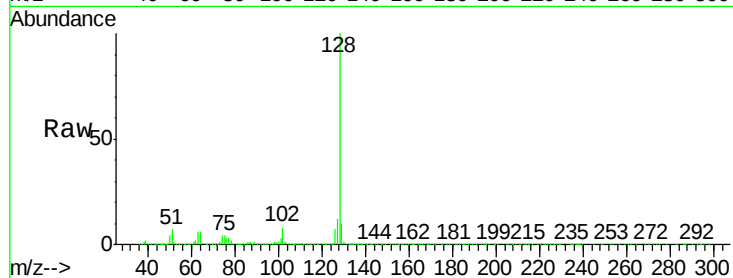
#95
Naphthalene
Concen: 48.317 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/21/2020 2:14:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.209 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.6
145	30.7	14.8	44.3

